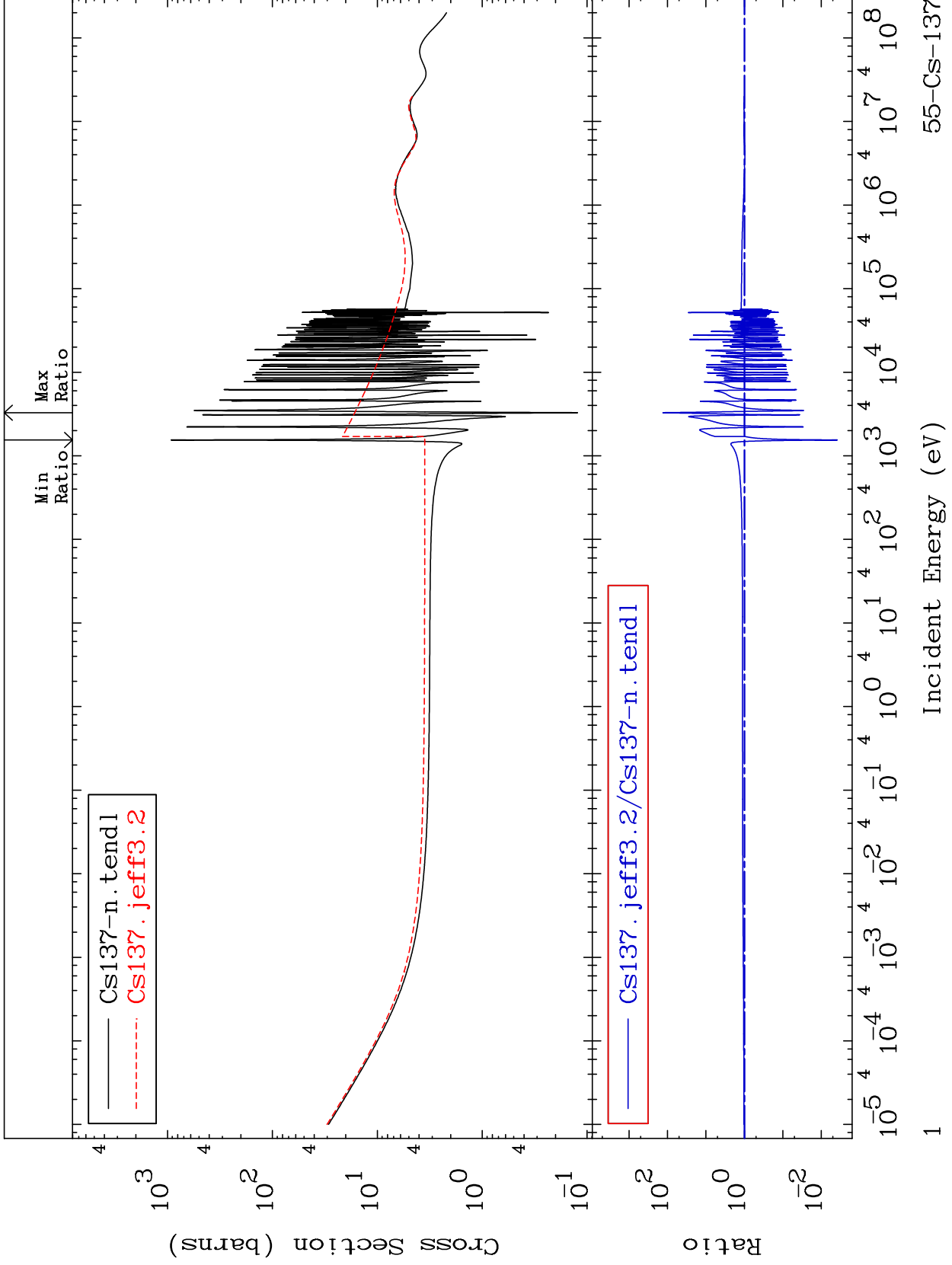


MAT 5537

Total
Cross Section

55-Cs-137
-99.62 To 9999. %



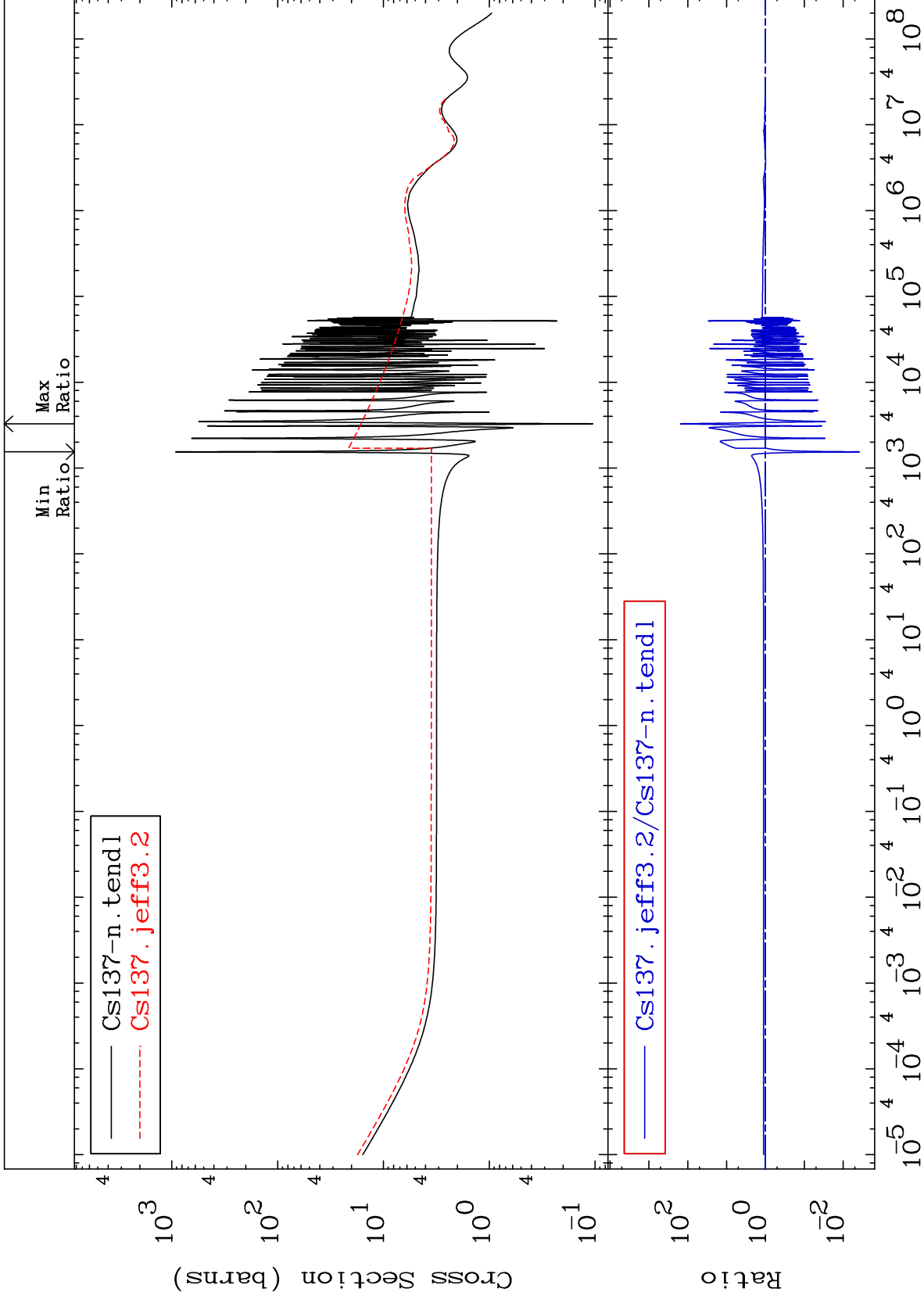
Incident Energy (eV)

55-Cs-137

MAT 5537

Elastic
Cross Section

55-Cs-137
-99.62 To 9999. %



Incident Energy (eV)

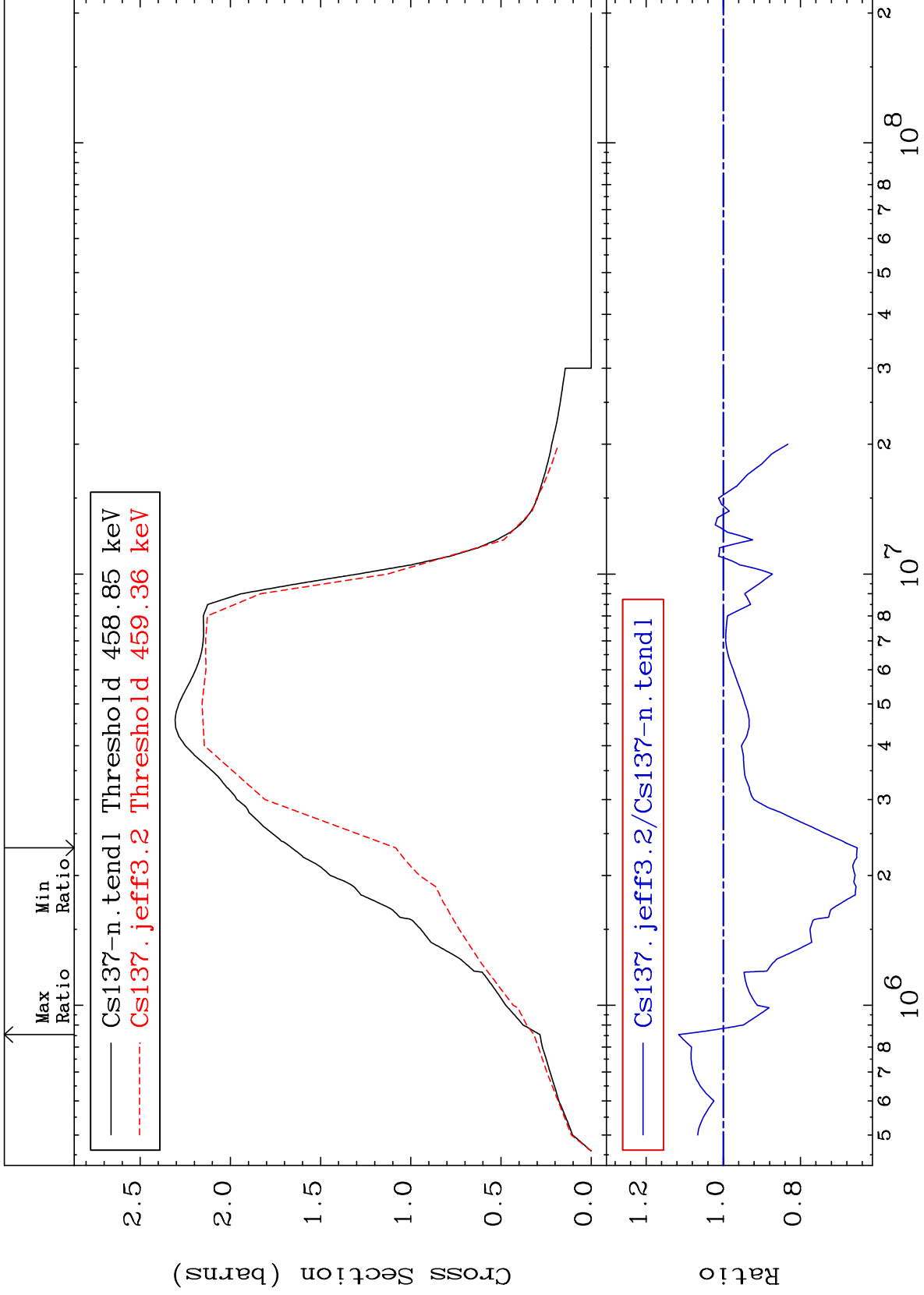
55-Cs-137

2

MAT 5537

Inelastic
Cross Section

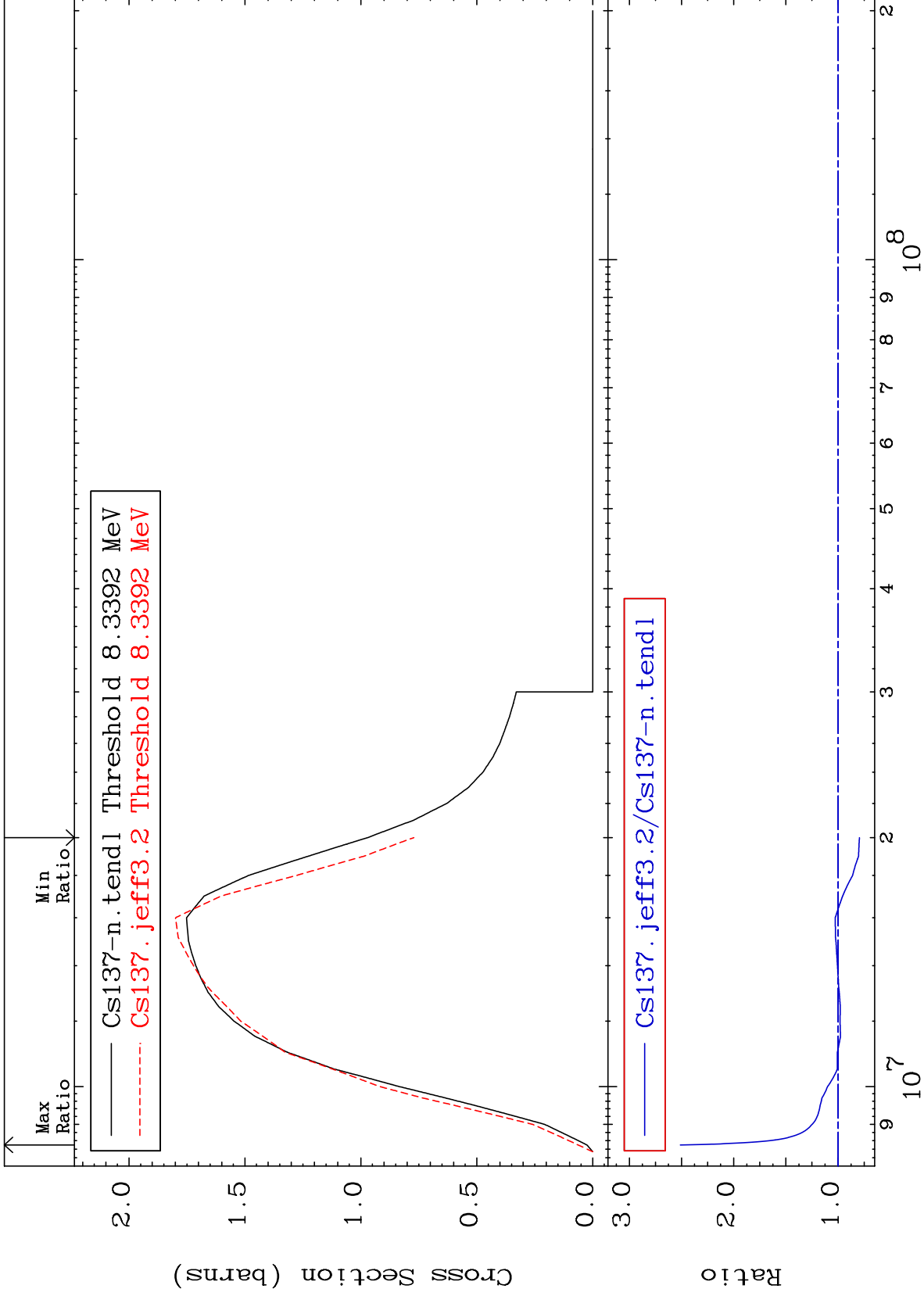
55-Cs-137
-34.70 To 11.56 %



MAT 5537

(n,2n)
Cross Section

55-Cs-137
-20.47 To 151.1 %



4

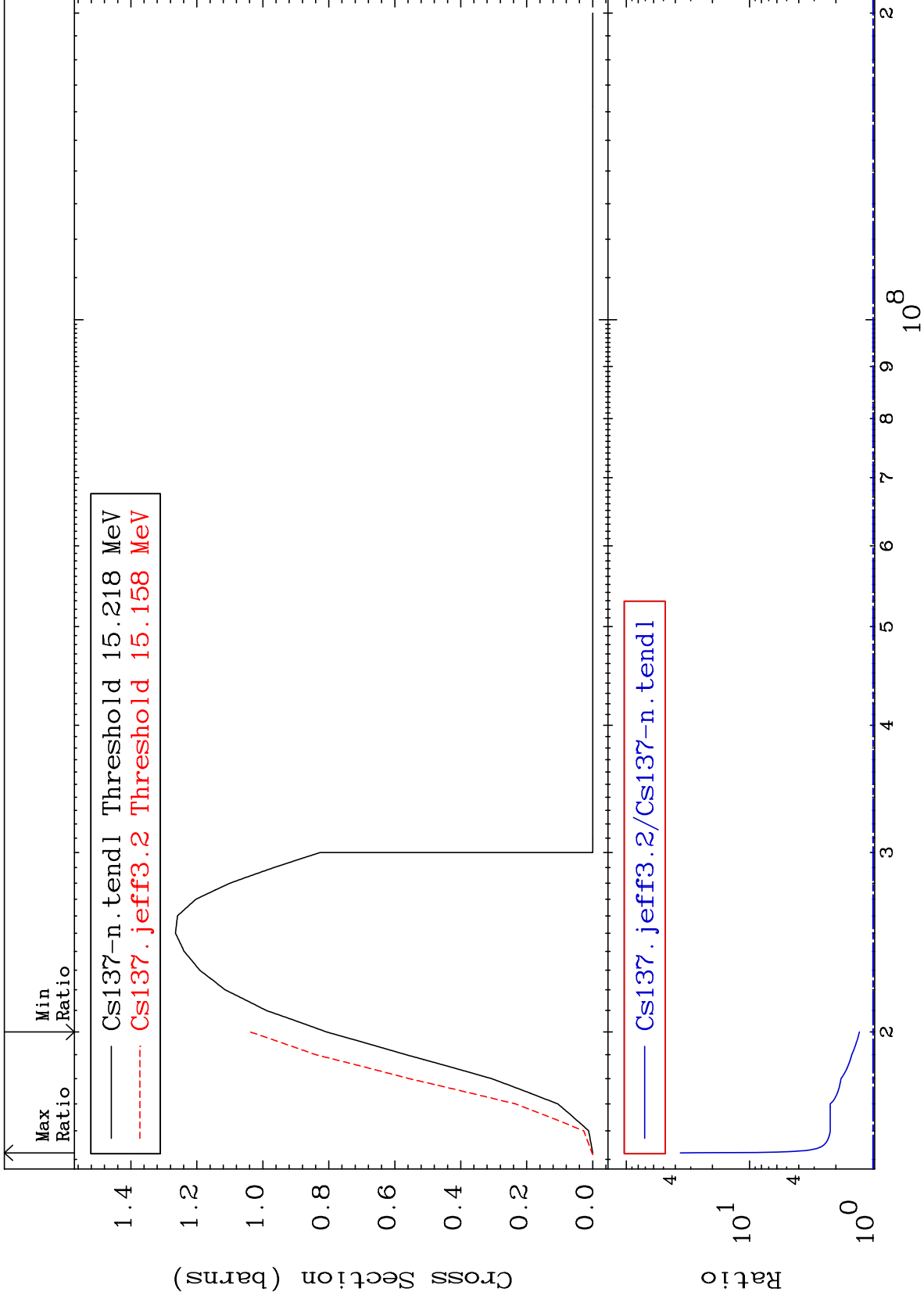
Incident Energy (eV)

55-Cs-137

MAT 5537

(n,3n)
Cross Section

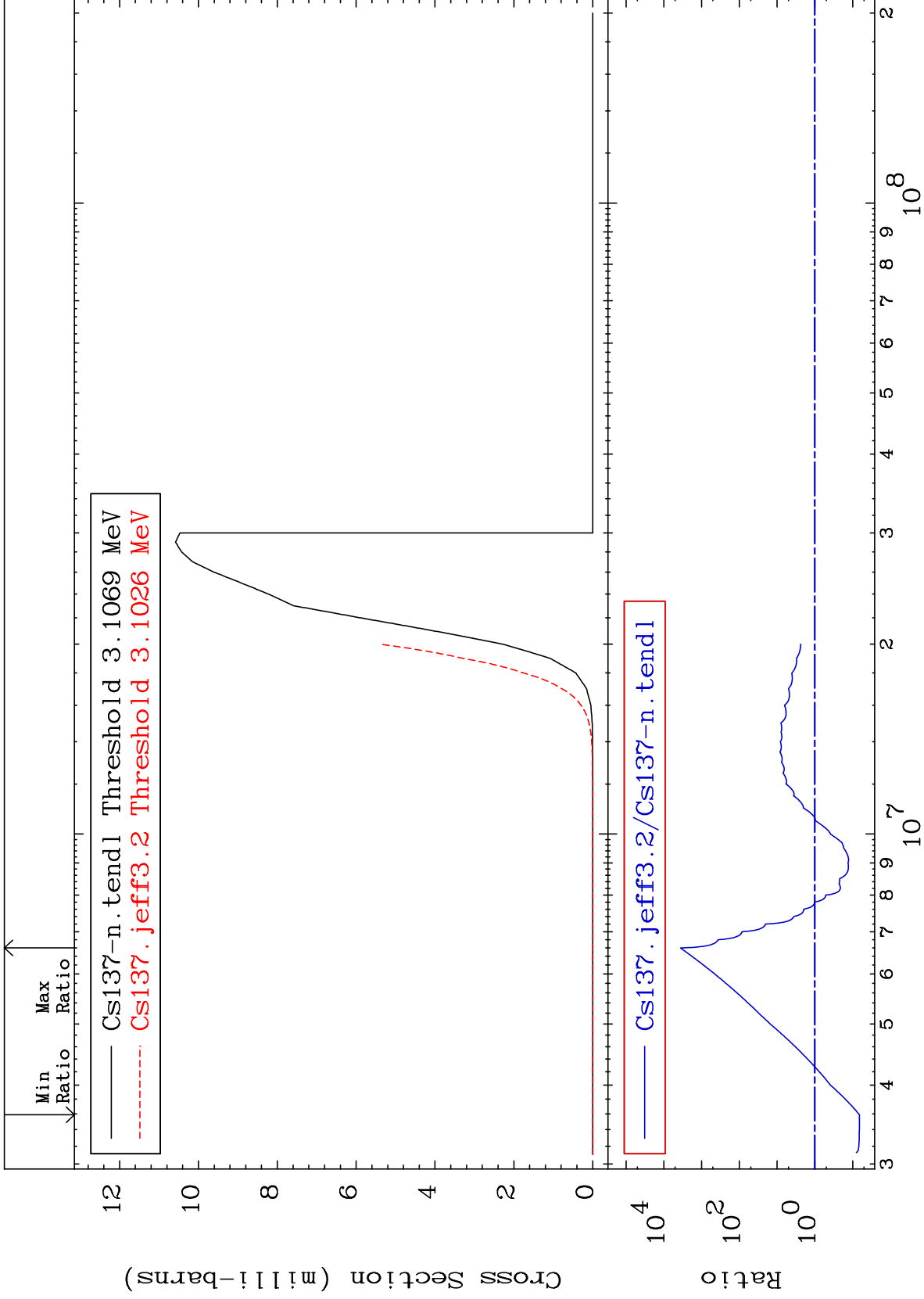
55-Cs-137
28.68 To 3540. %



MAT 5537

(n,n') α
Cross Section

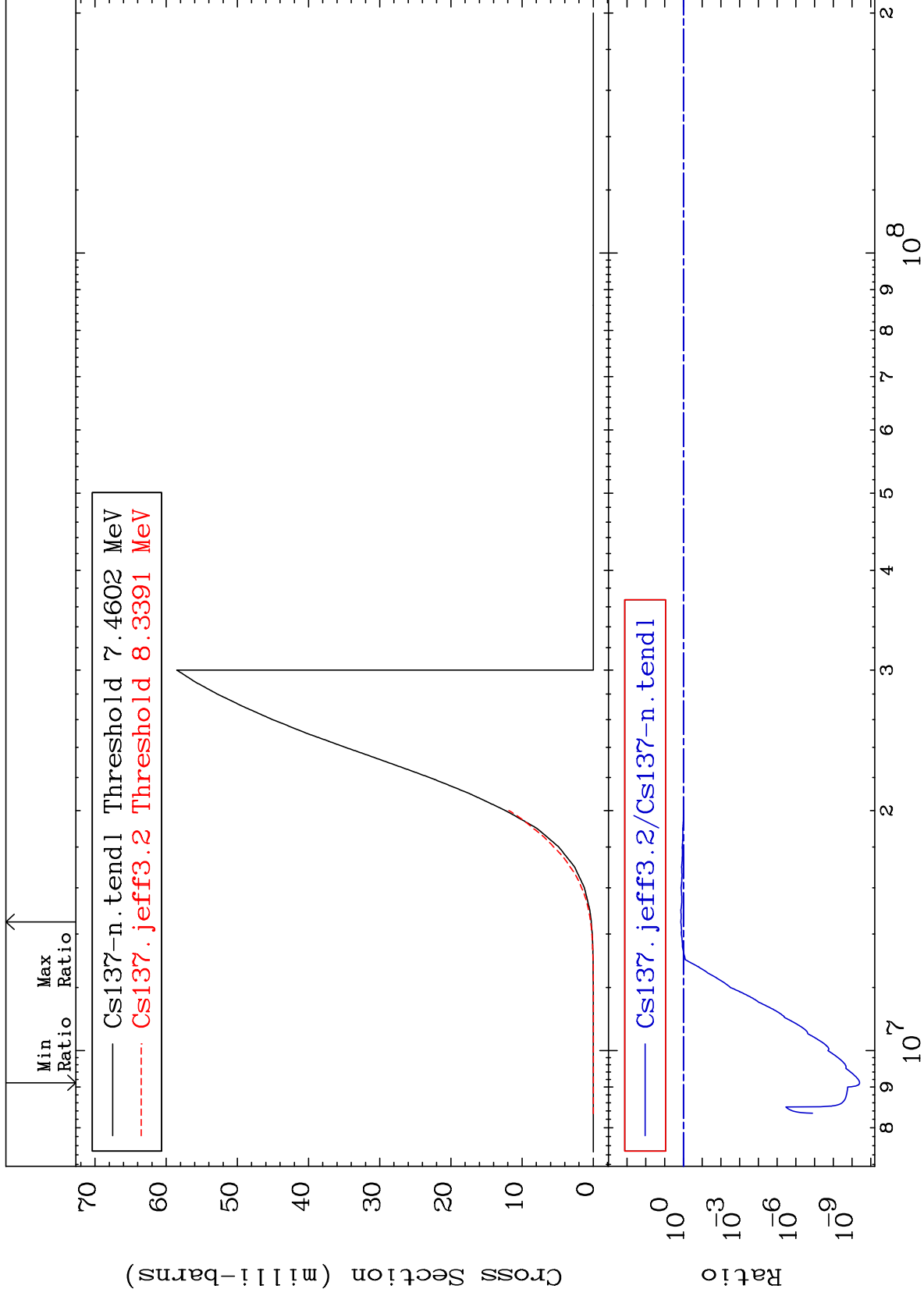
55-Cs-137
-93.38 To 9999. %



MAT 5537

(n,n') p
Cross Section

55-Cs-137
-100.0 To 37.07 %



7

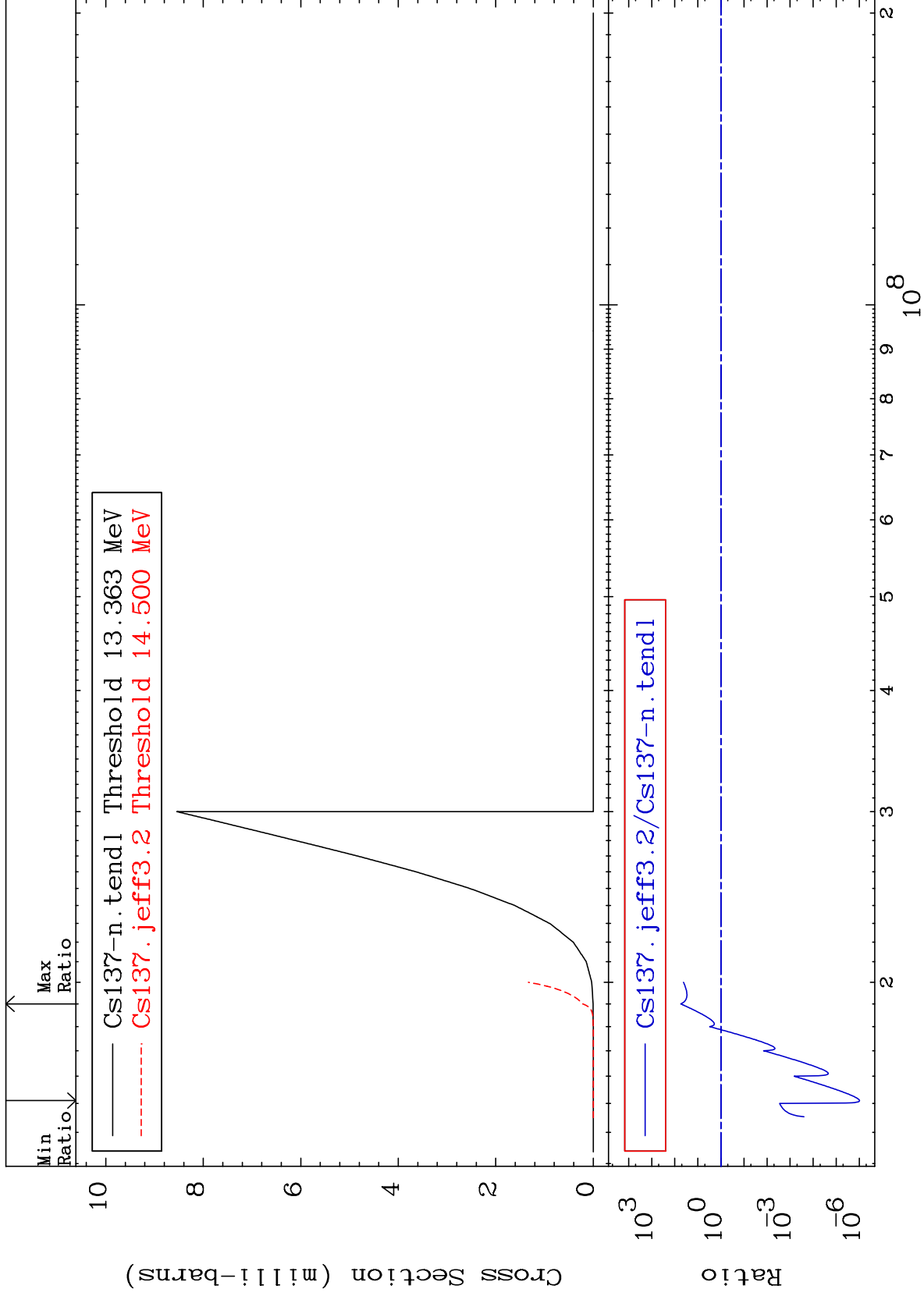
Incident Energy (eV)

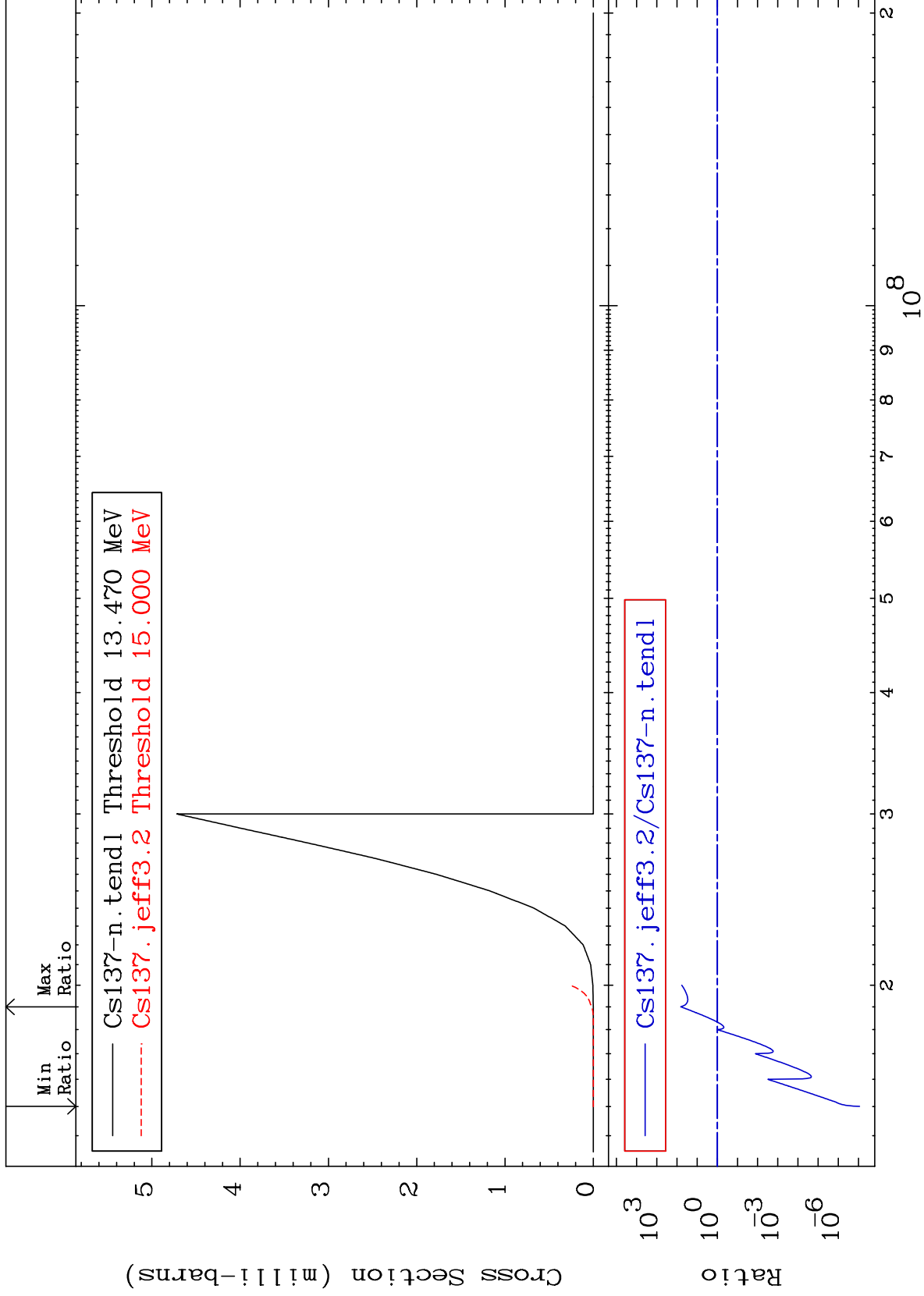
55-Cs-137

MAT 5537

(n,n') d
Cross Section

55-Cs-137
-100.0 To 5389. %





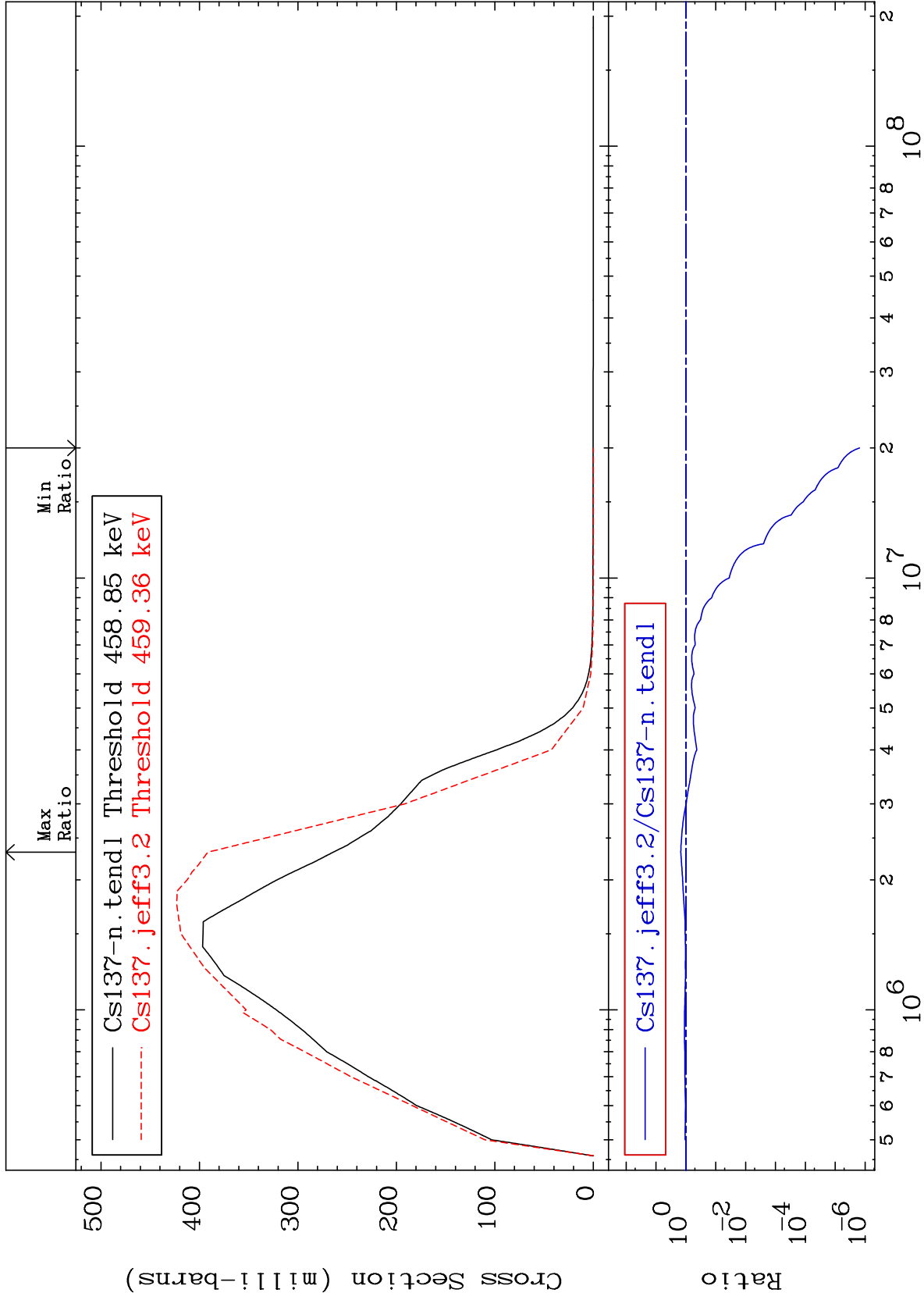
MAT 5537

455.5 keV (n,n') Level

55-Cs-137

-100.0 To 48.23 %

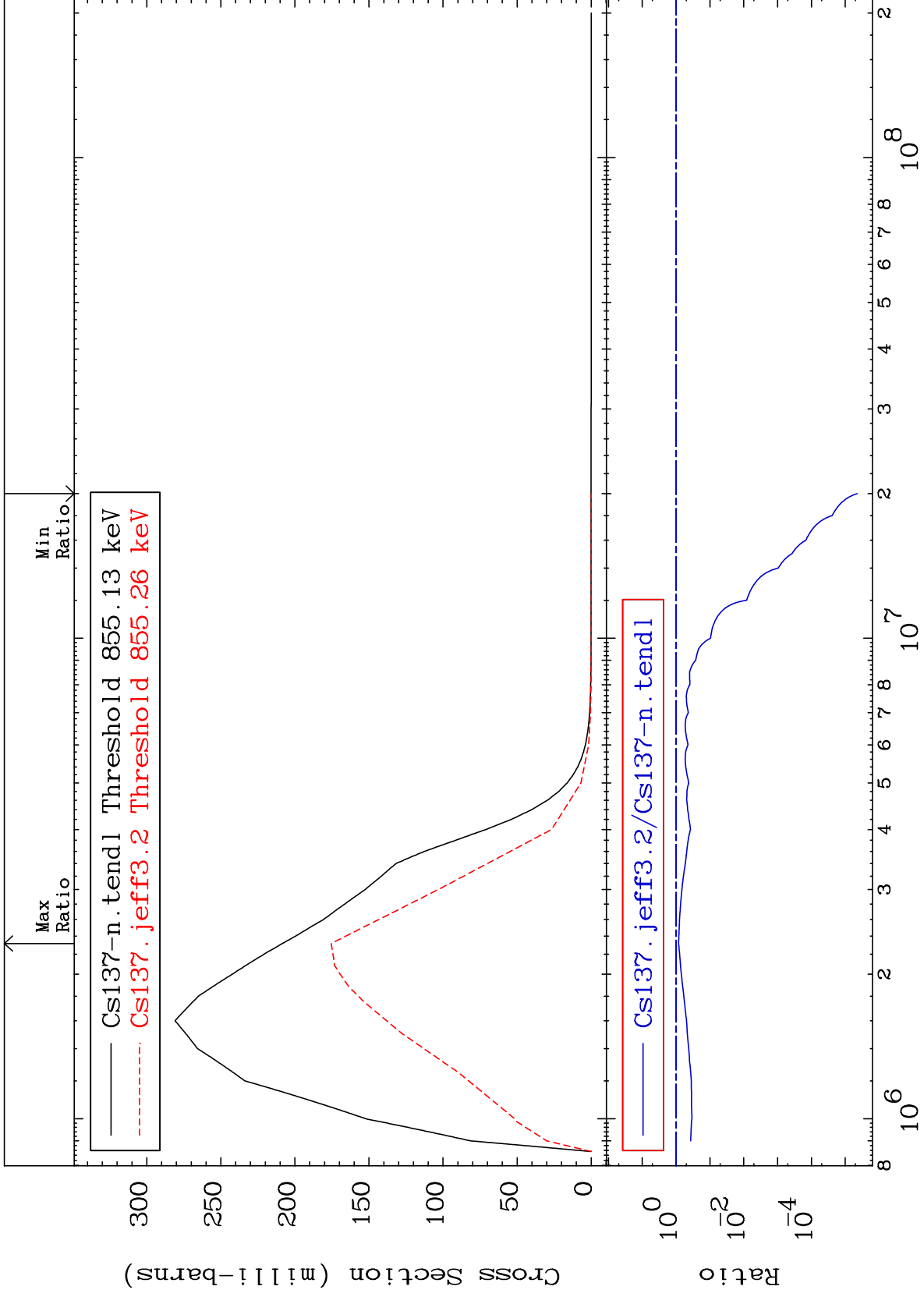
Cross Section



MAT 5537

848.9 keV (n,n') Level
Cross Section

55-Cs-137
-100.0 To -15.79%



11

Incident Energy (eV)

55-Cs-137

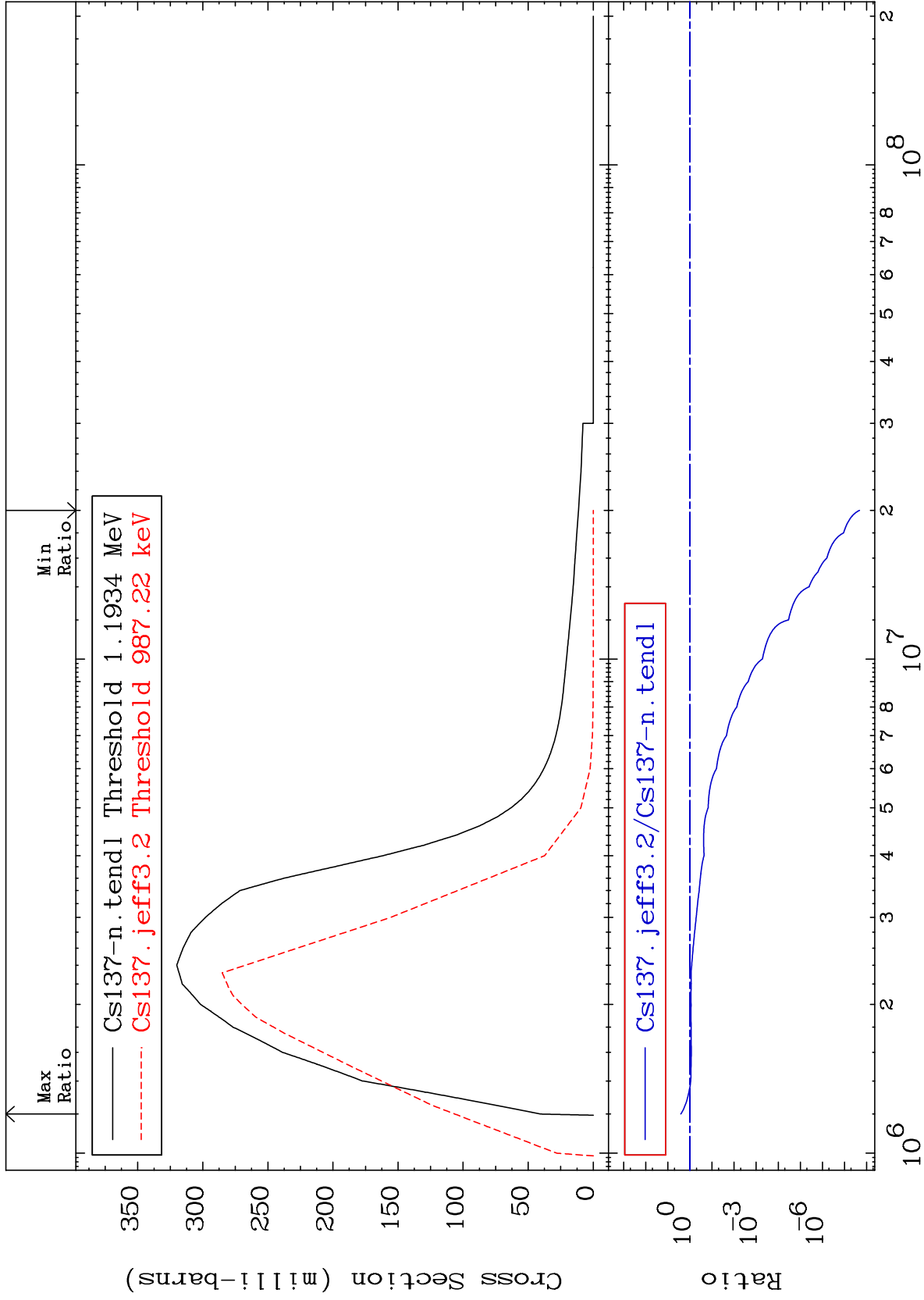
MAT 5537

1.185 MeV (n,n') Level

55-Cs-137

-100.0 To 161.4 %

Cross Section



12

Incident Energy (eV)

55-Cs-137

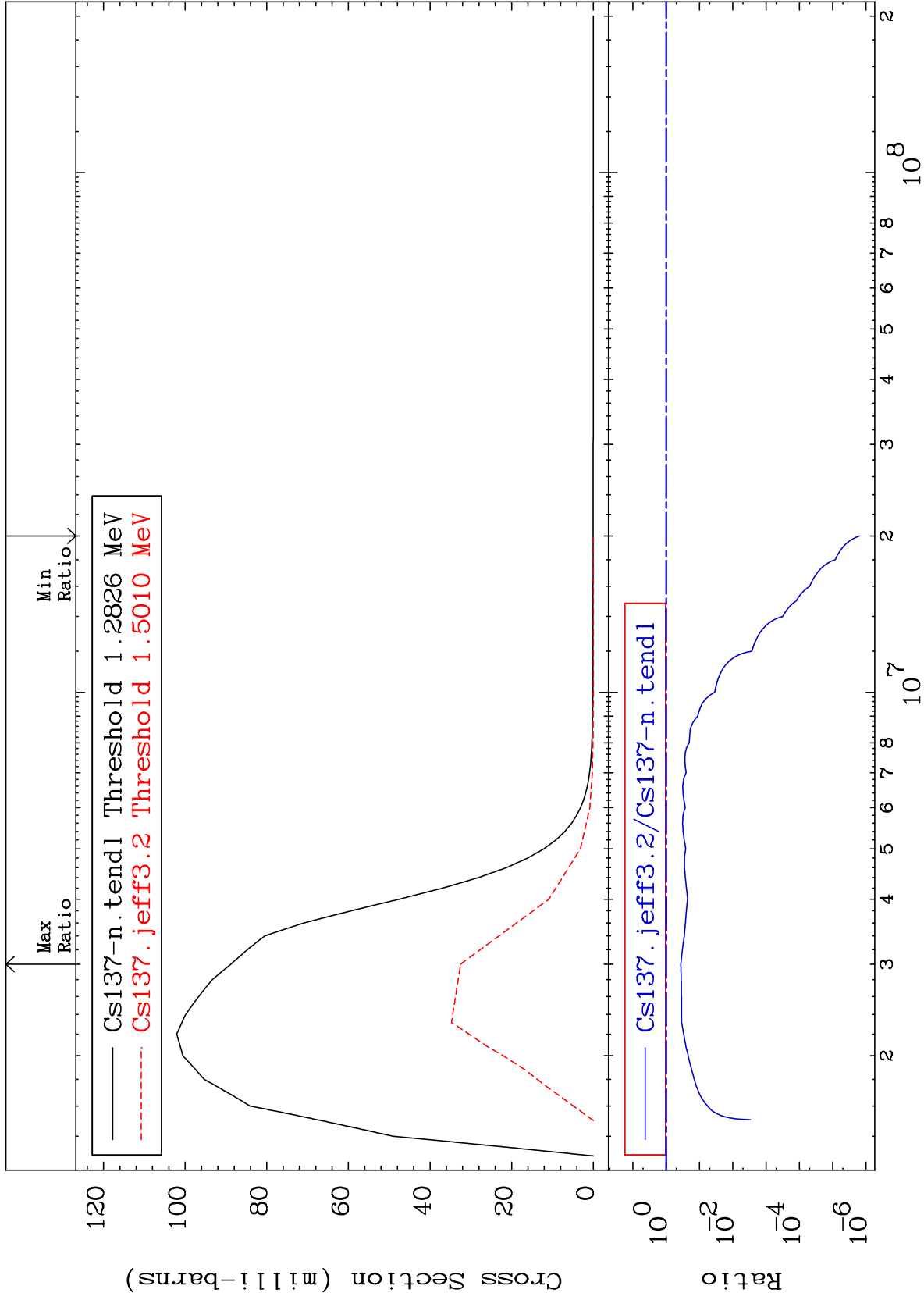
MAT 5537

1.273 MeV (n,n') Level

55-Cs-137

-100.0 To -63.39%

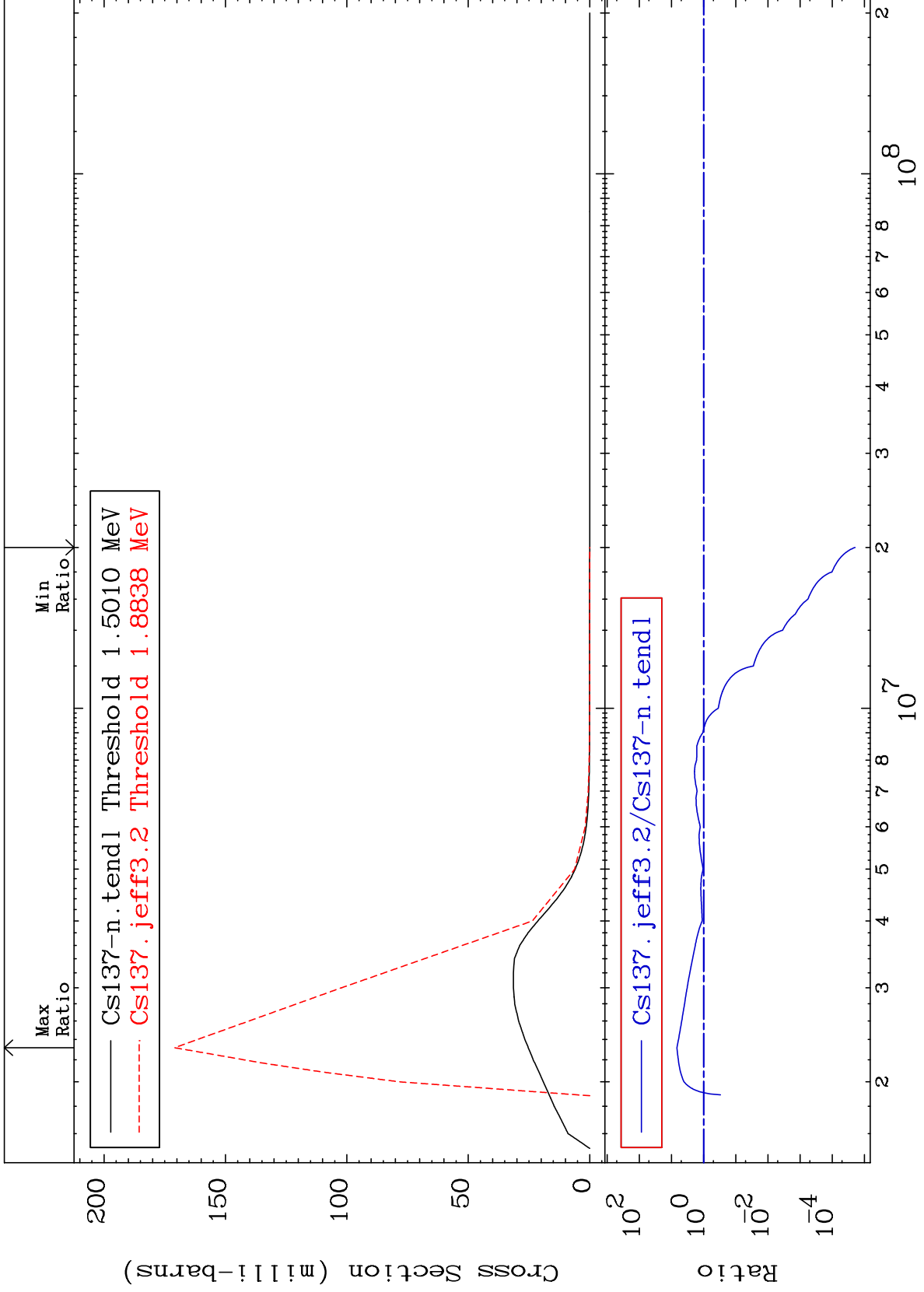
Cross Section



MAT 5537

1.490 MeV (n,n') Level
Cross Section

55-Cs-137
-100.0 To 576.1 %



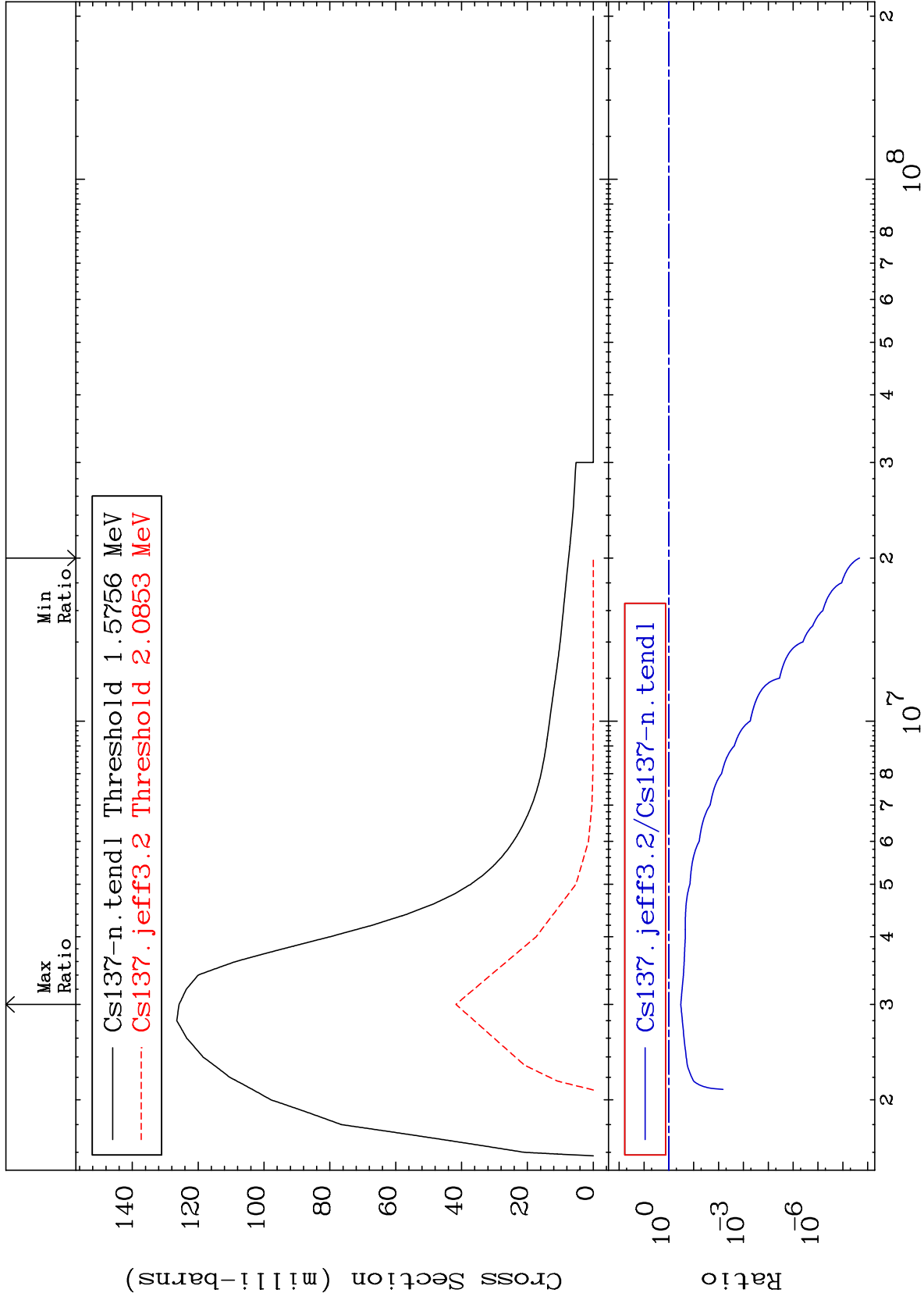
MAT 5537

1.564 MeV (n,n') Level

55-Cs-137

-100.0 To -66.84%

Cross Section



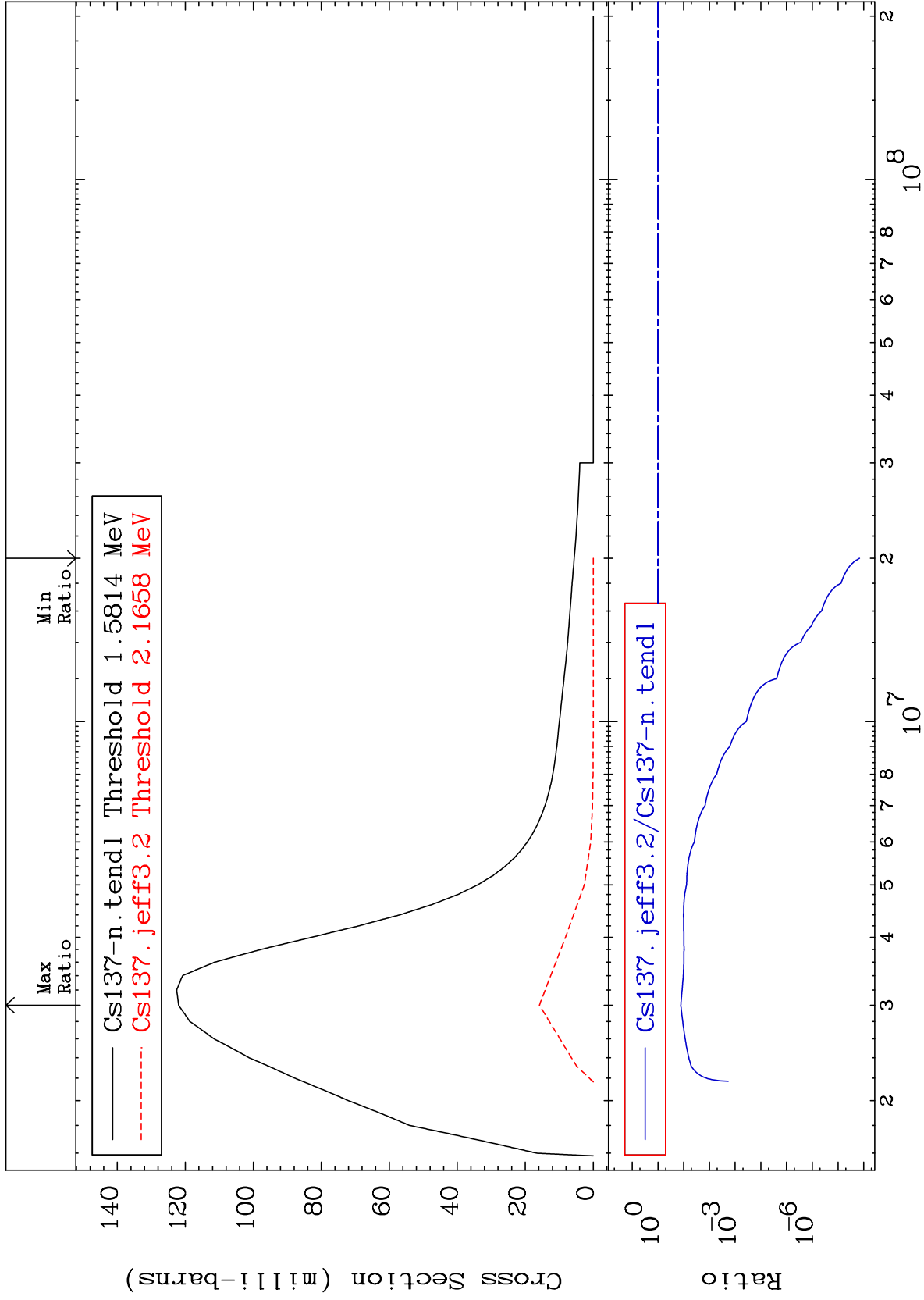
MAT 5537

1.570 MeV (n,n') Level

55-Cs-137

-100.0 To -87.00%

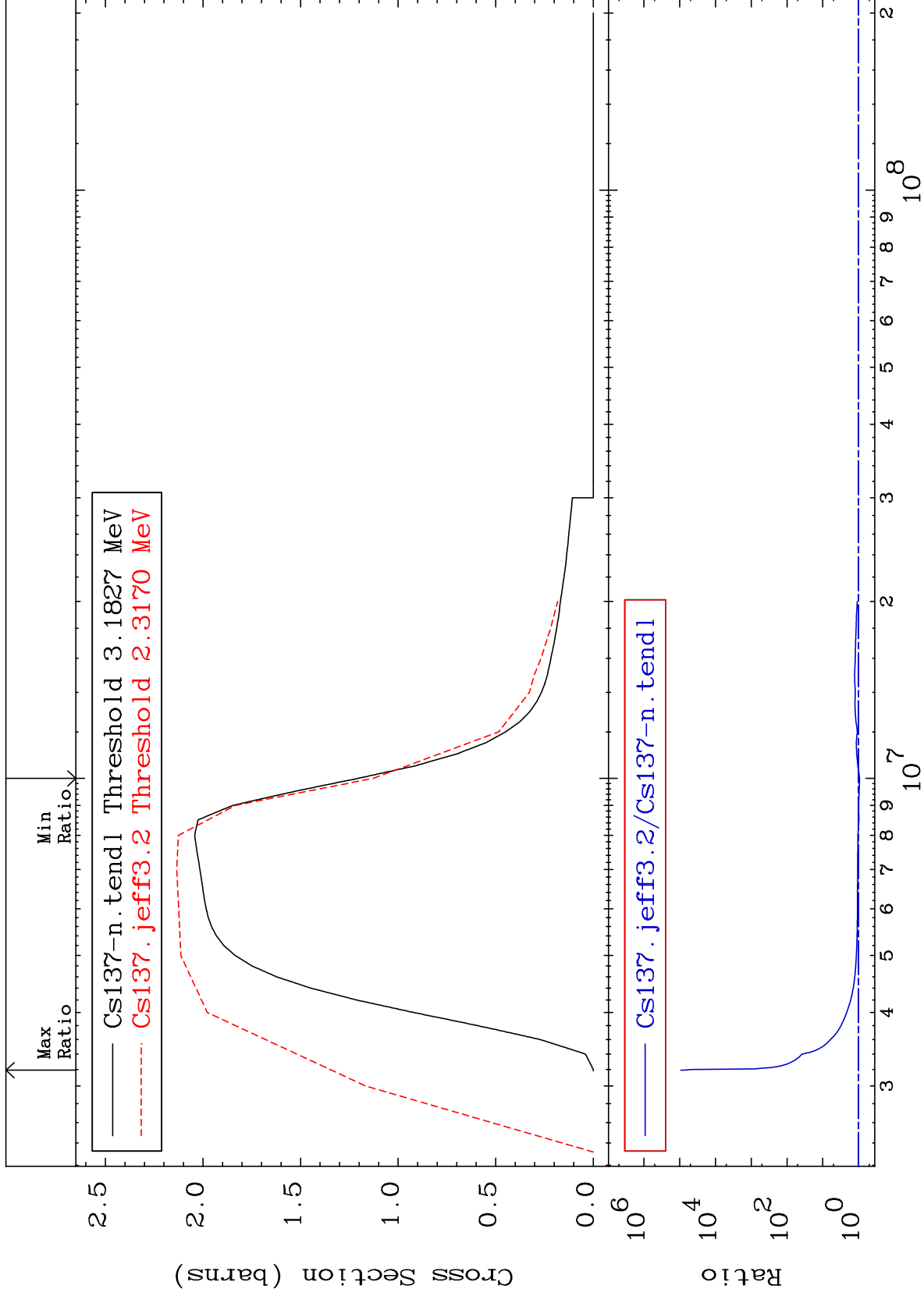
Cross Section



MAT 5537

(n, n') Continuum
Cross Section

55-Cs-137
-6.418 To 9999. %



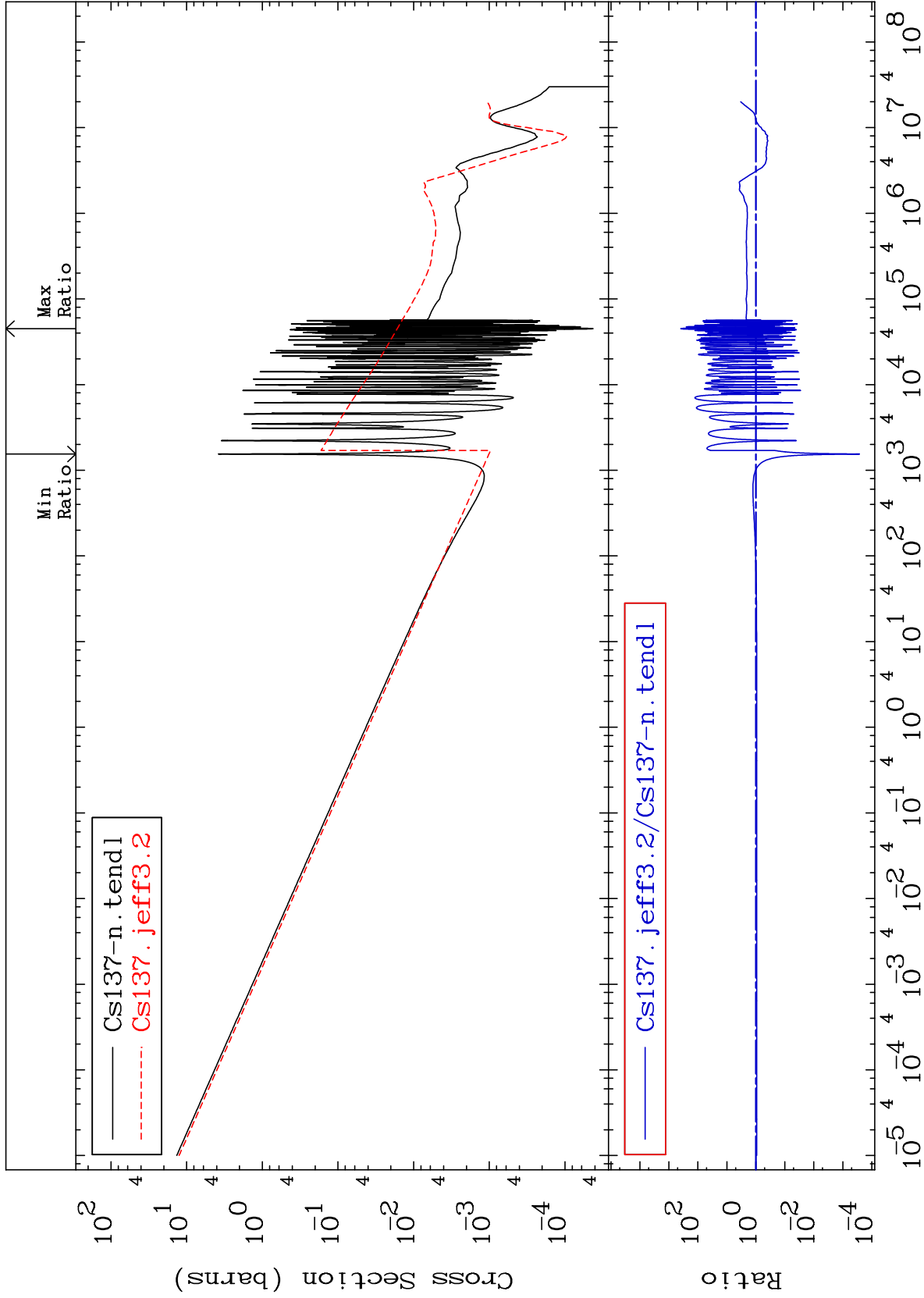
MAT 5537

(n, γ)

55-Cs-137

Cross Section

-99.97 To 9999. %



18

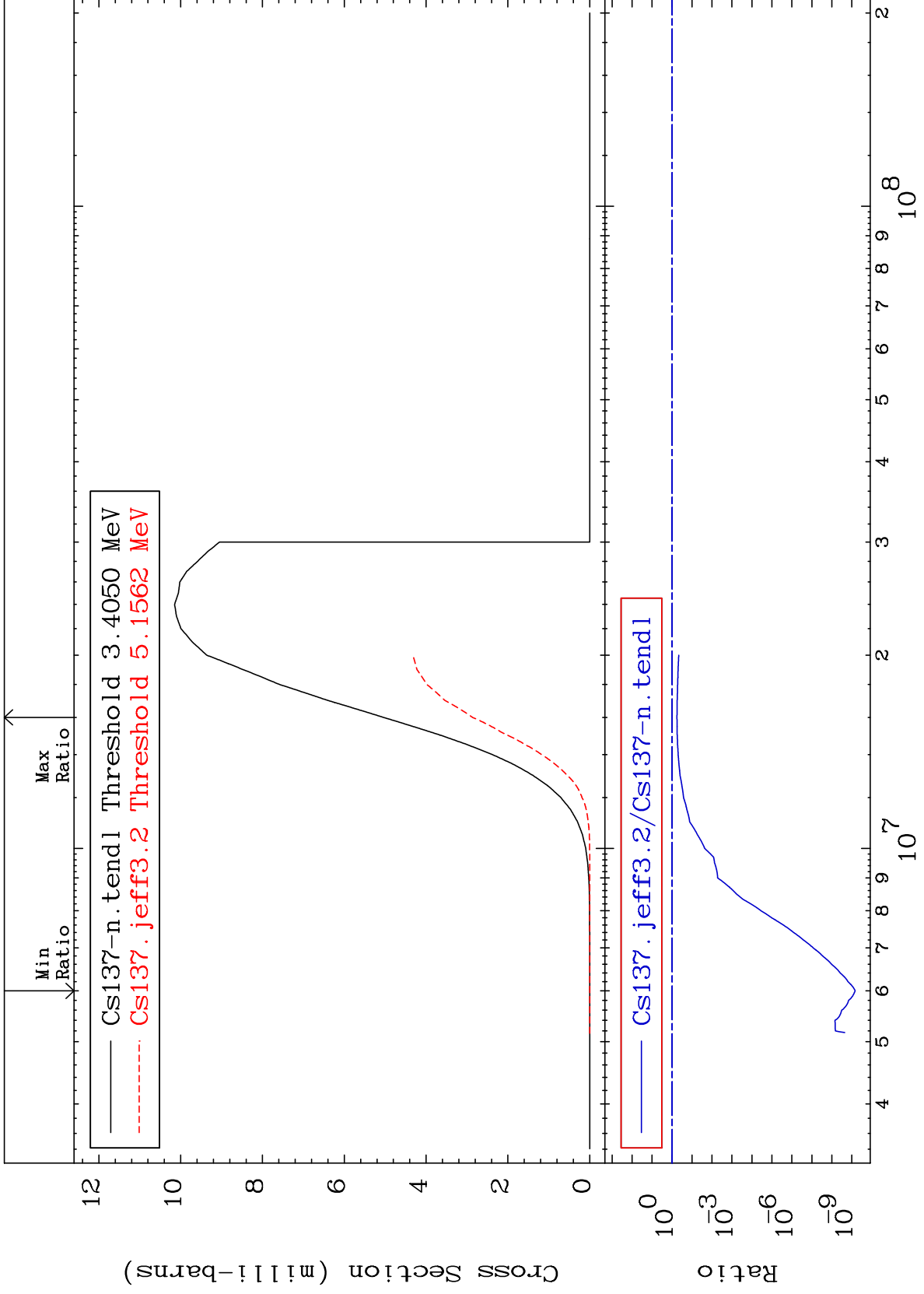
Incident Energy (eV)

55-Cs-137

MAT 5537

(n,p)
Cross Section

55-Cs-137
-100.0 To -43.17%



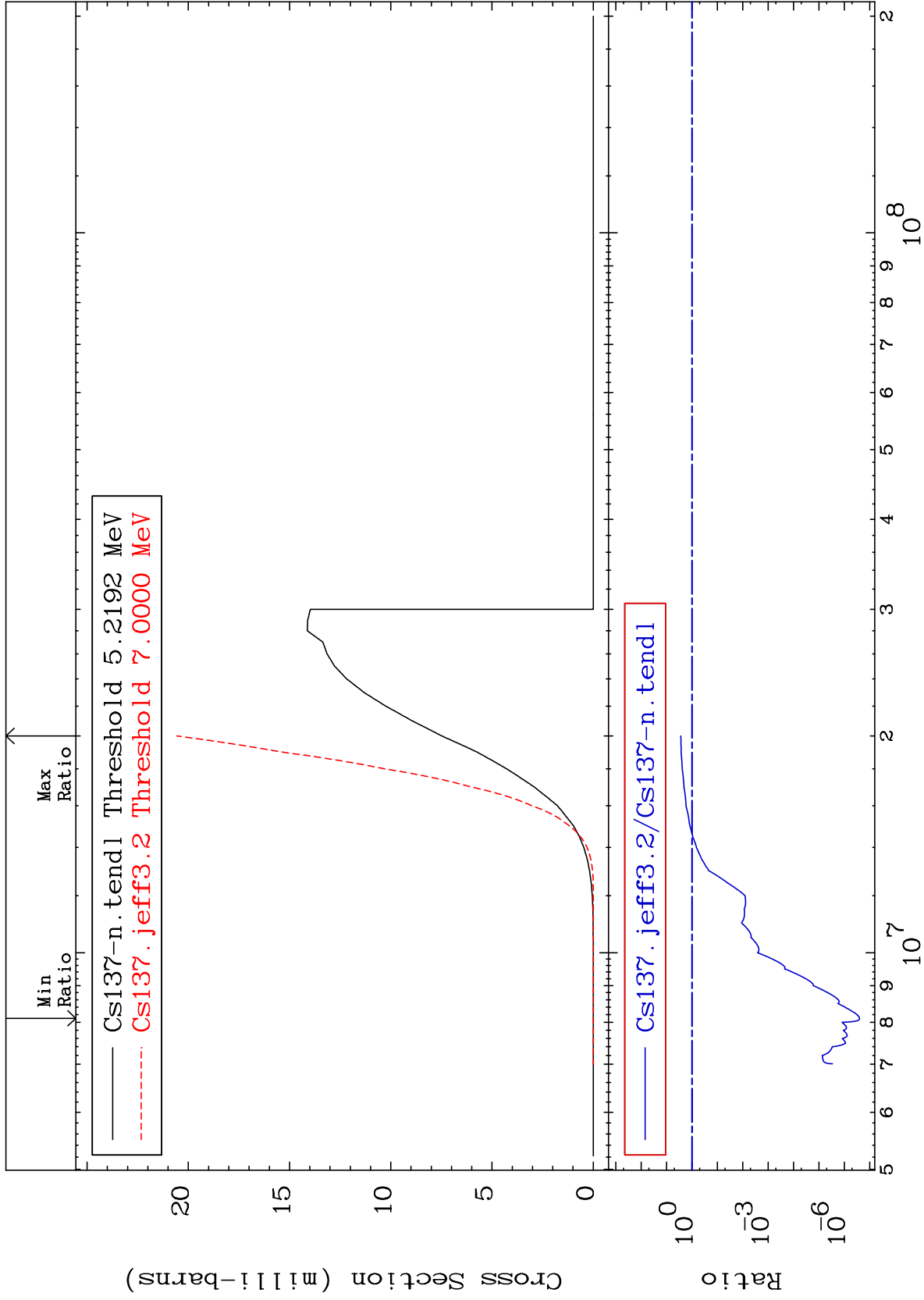
MAT 5537

(n, d)

55-Cs-137

Cross Section

-100.0 To 175.1 %



20

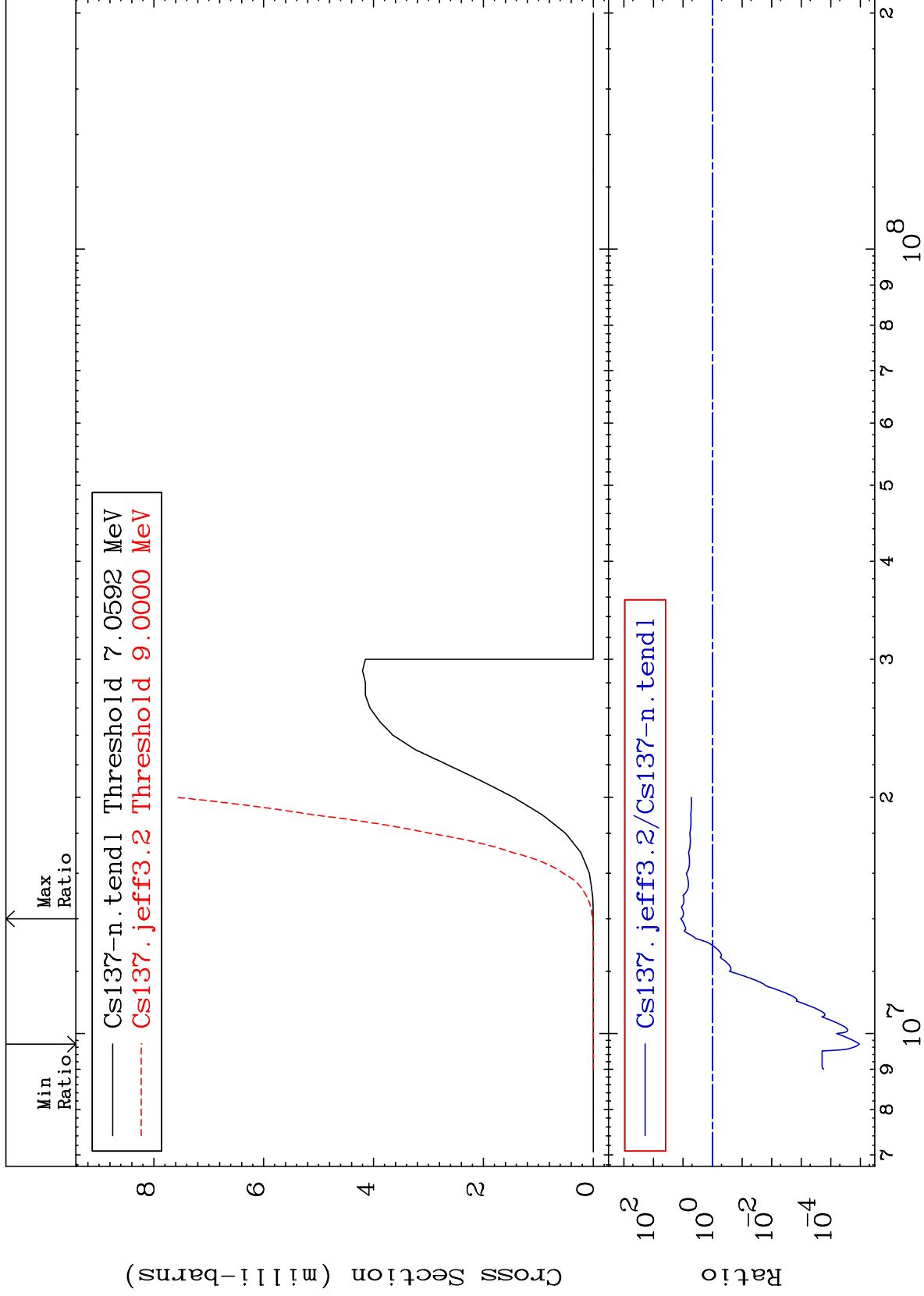
Incident Energy (eV)

55-Cs-137

MAT 5537

(n, t)
Cross Section

55-Cs-137
-100.0 To 1094. %



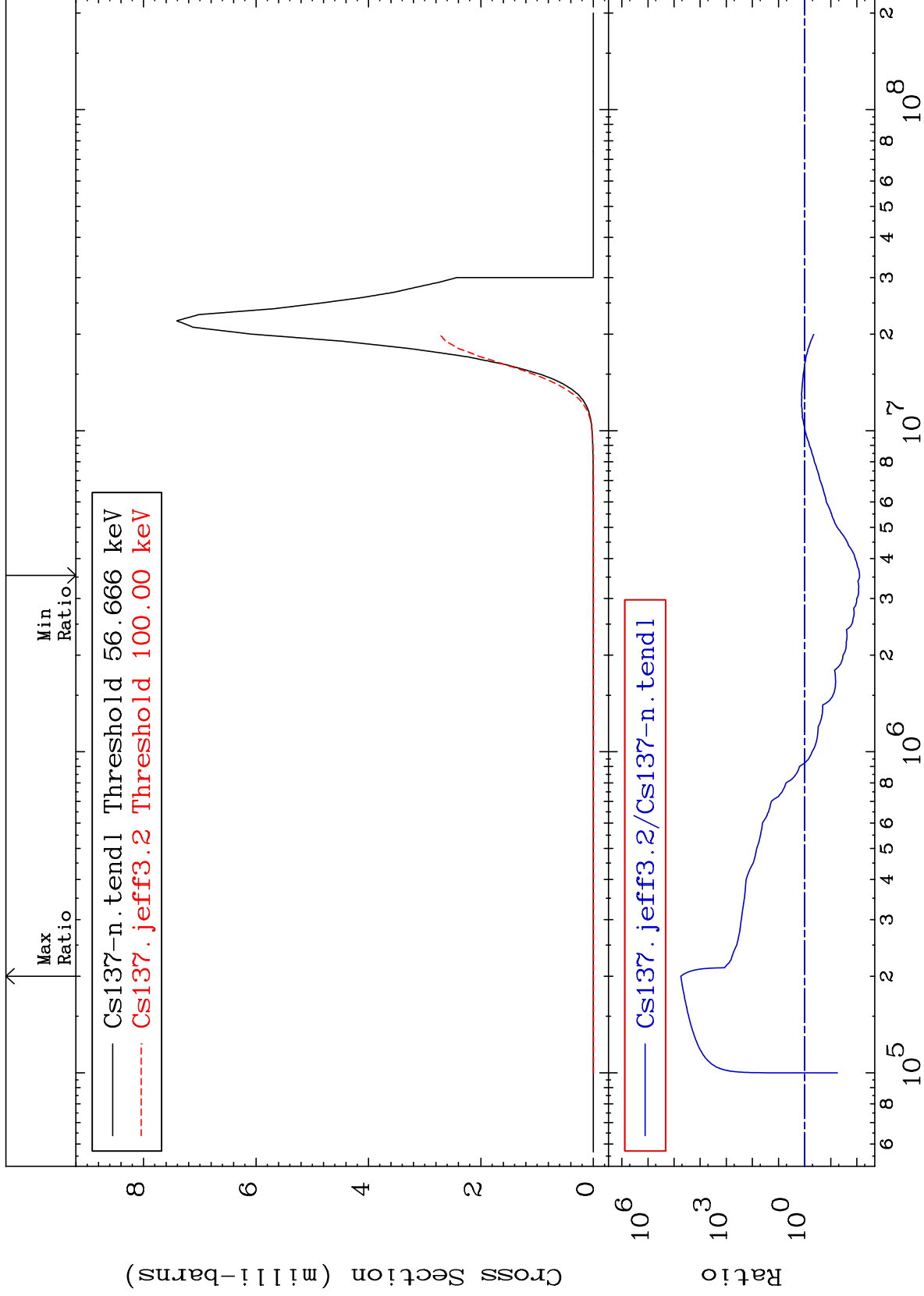
MAT 5537

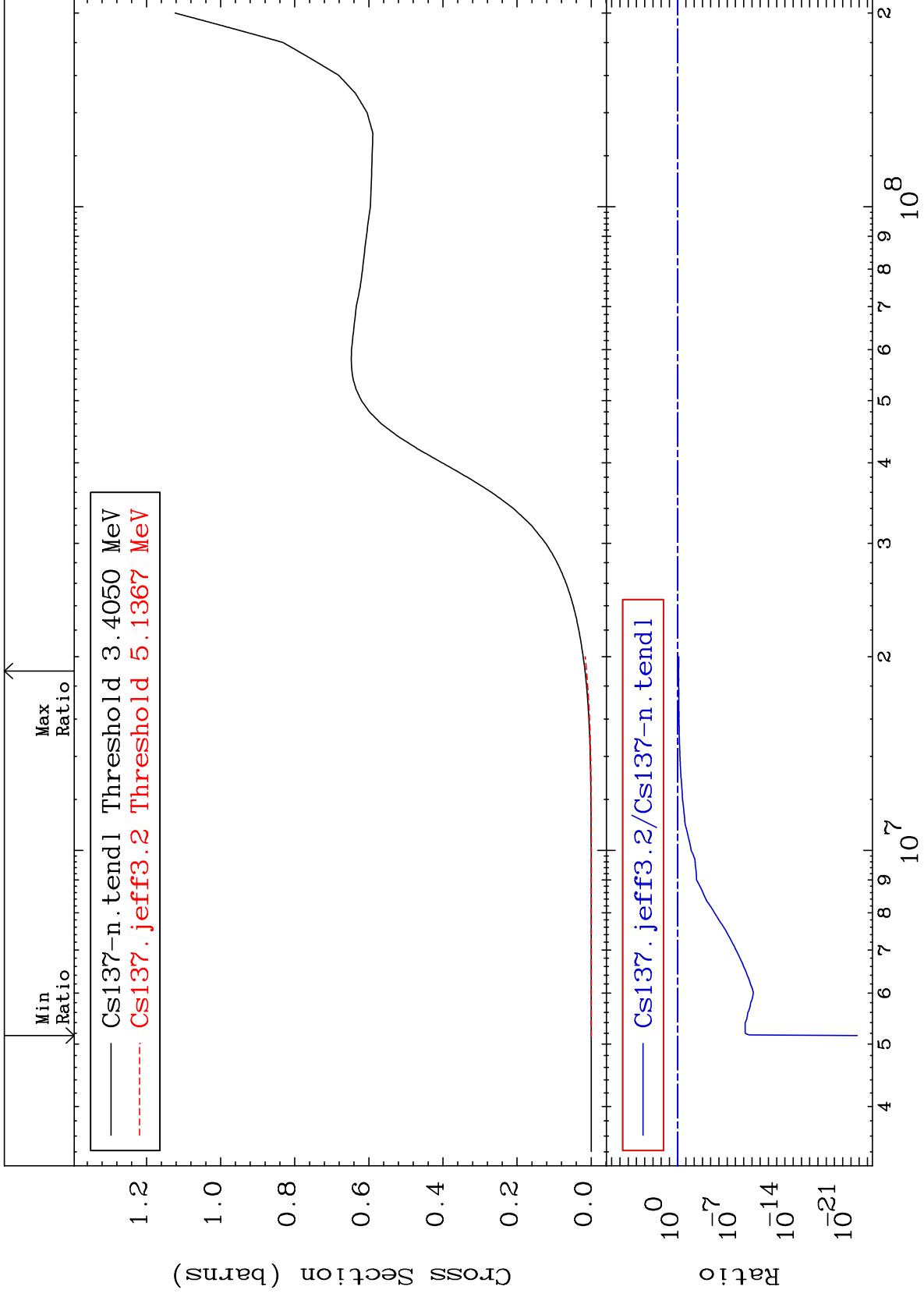
(n, α)

55-Cs-137

Cross Section

-99.21 To 9999. %

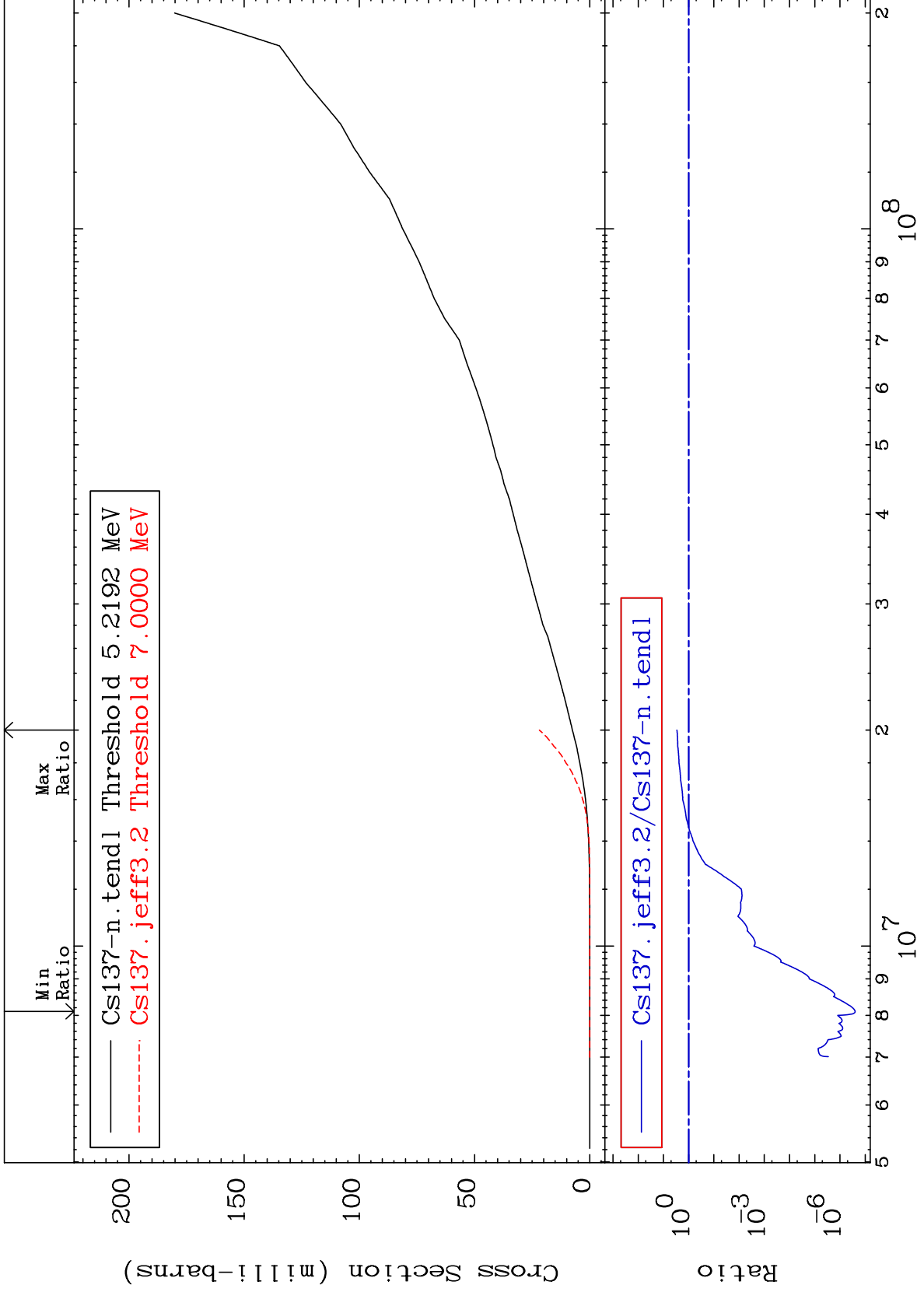




MAT 5537

Deuterium Production
Cross Section

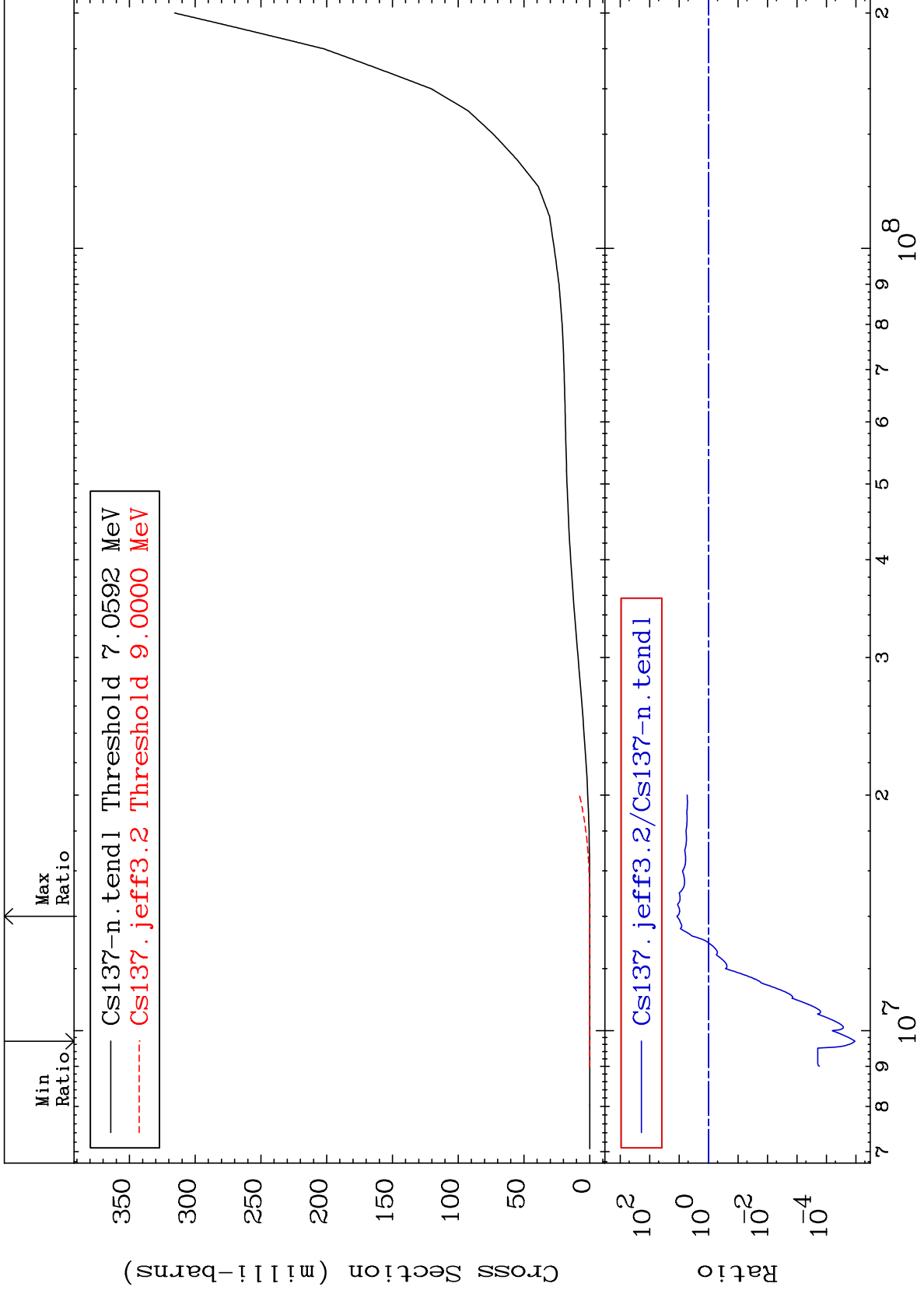
55-Cs-137
-100.0 To 191.6 %



MAT 5537

Tritium Production
Cross Section

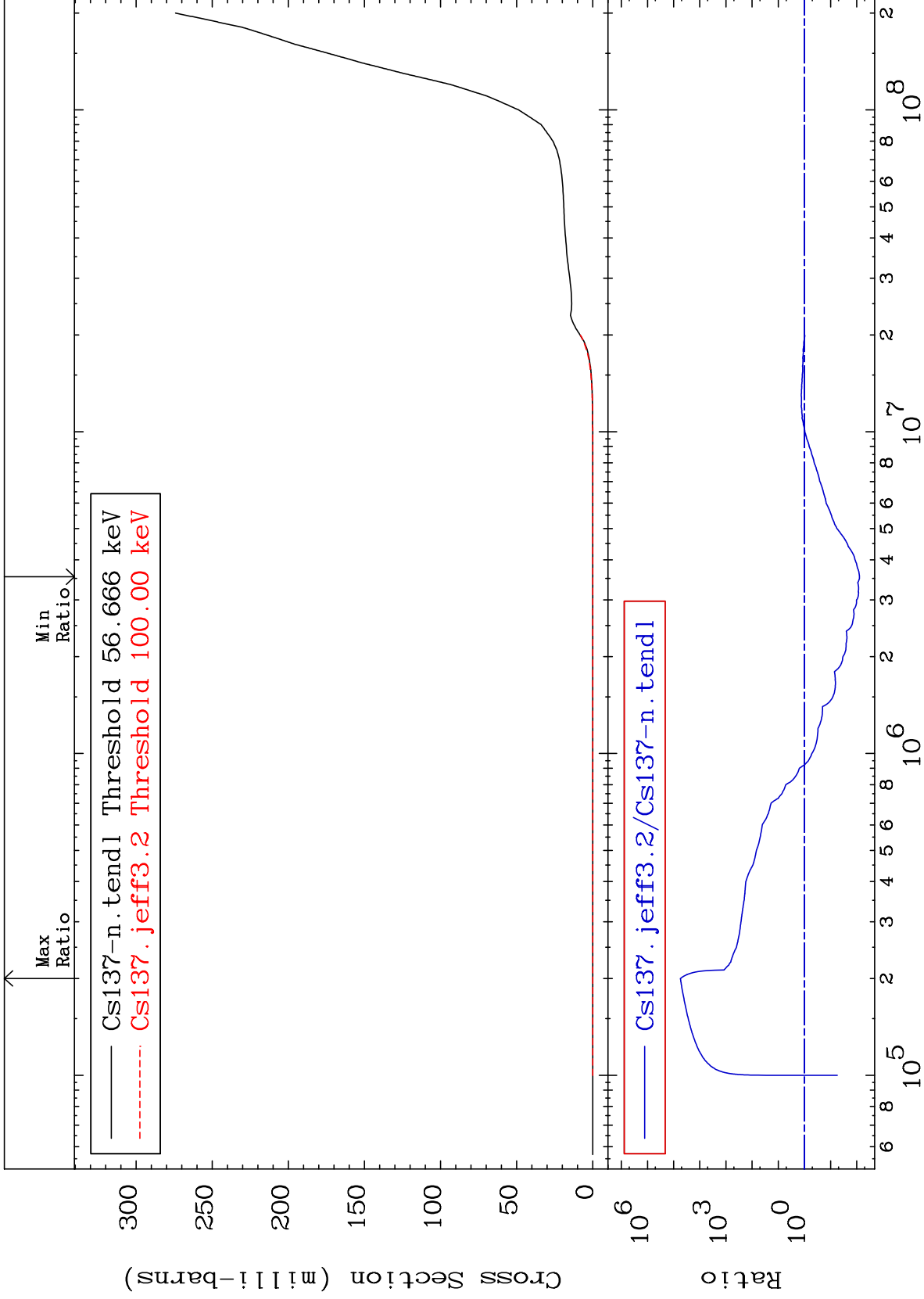
55-Cs-137
-100.0 To 1094. %



MAT 5537

He-4 Production
Cross Section

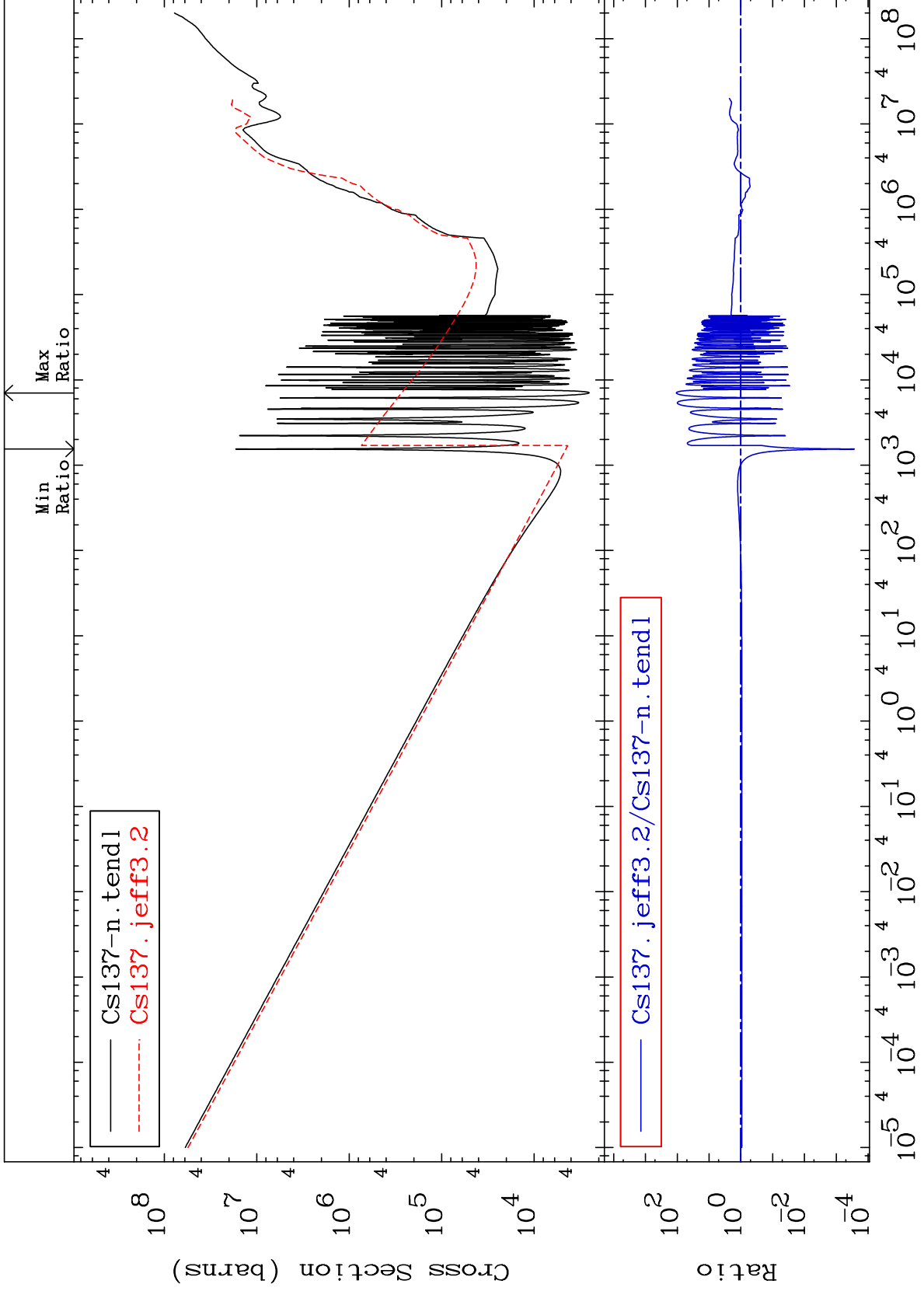
55-Cs-137
-99.21 To 9999. %



MAT 5537

Kerma total (eV-barns)
Cross Section

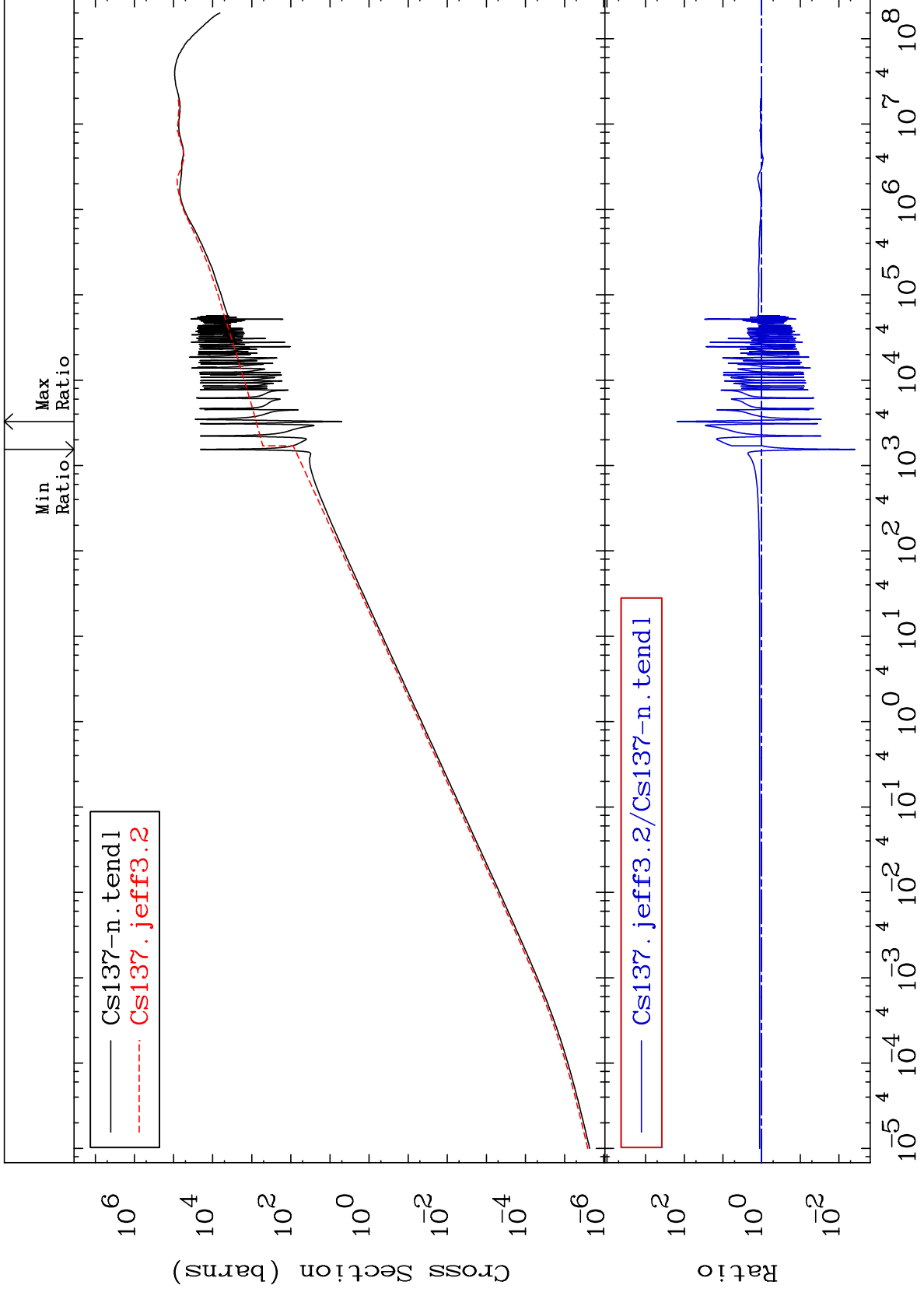
55-Cs-137
-99.97 To 9999. %

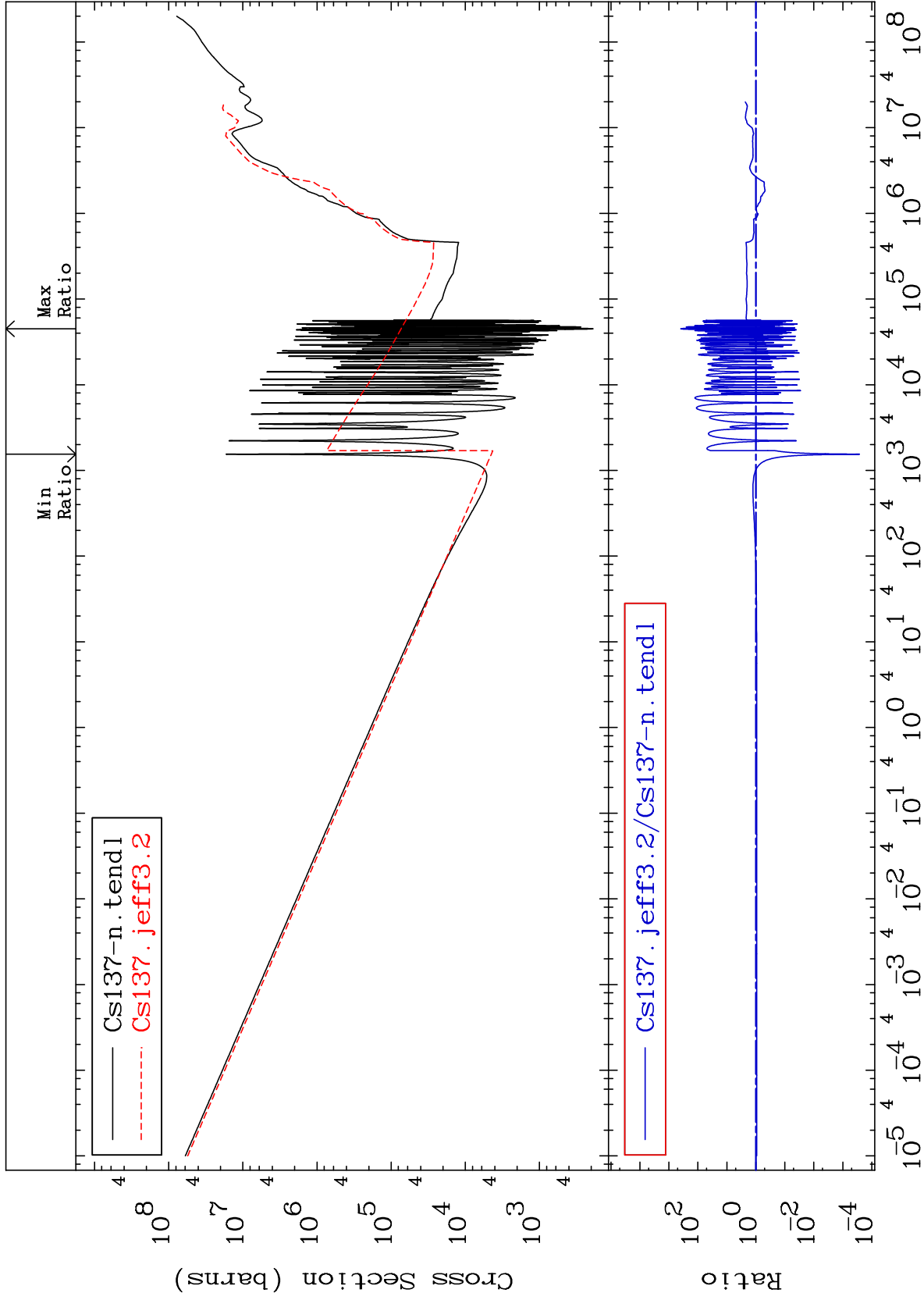


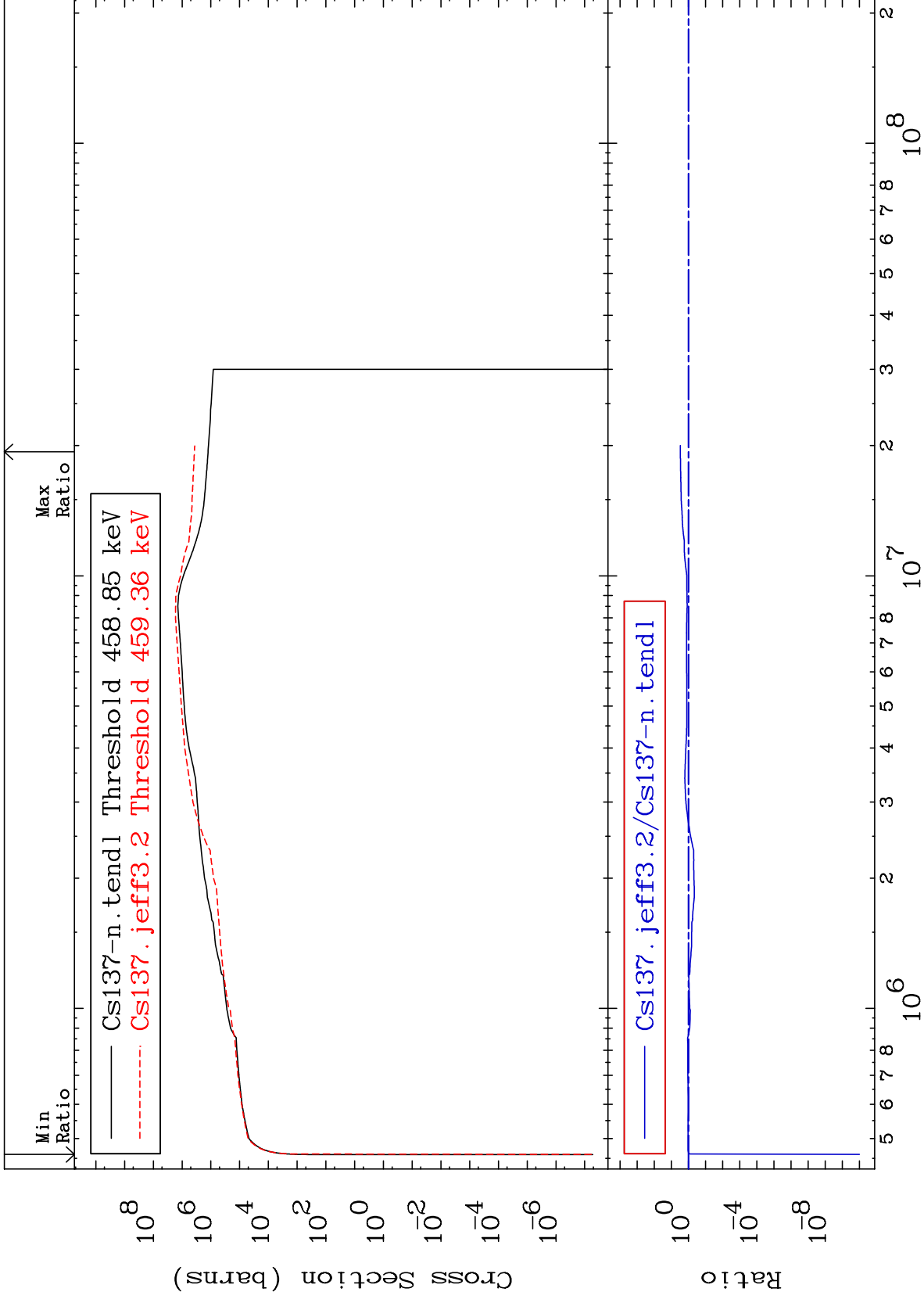
MAT 5537

Kerma elastic
Cross Section

55-Cs-137
-99.62 To 9999. %



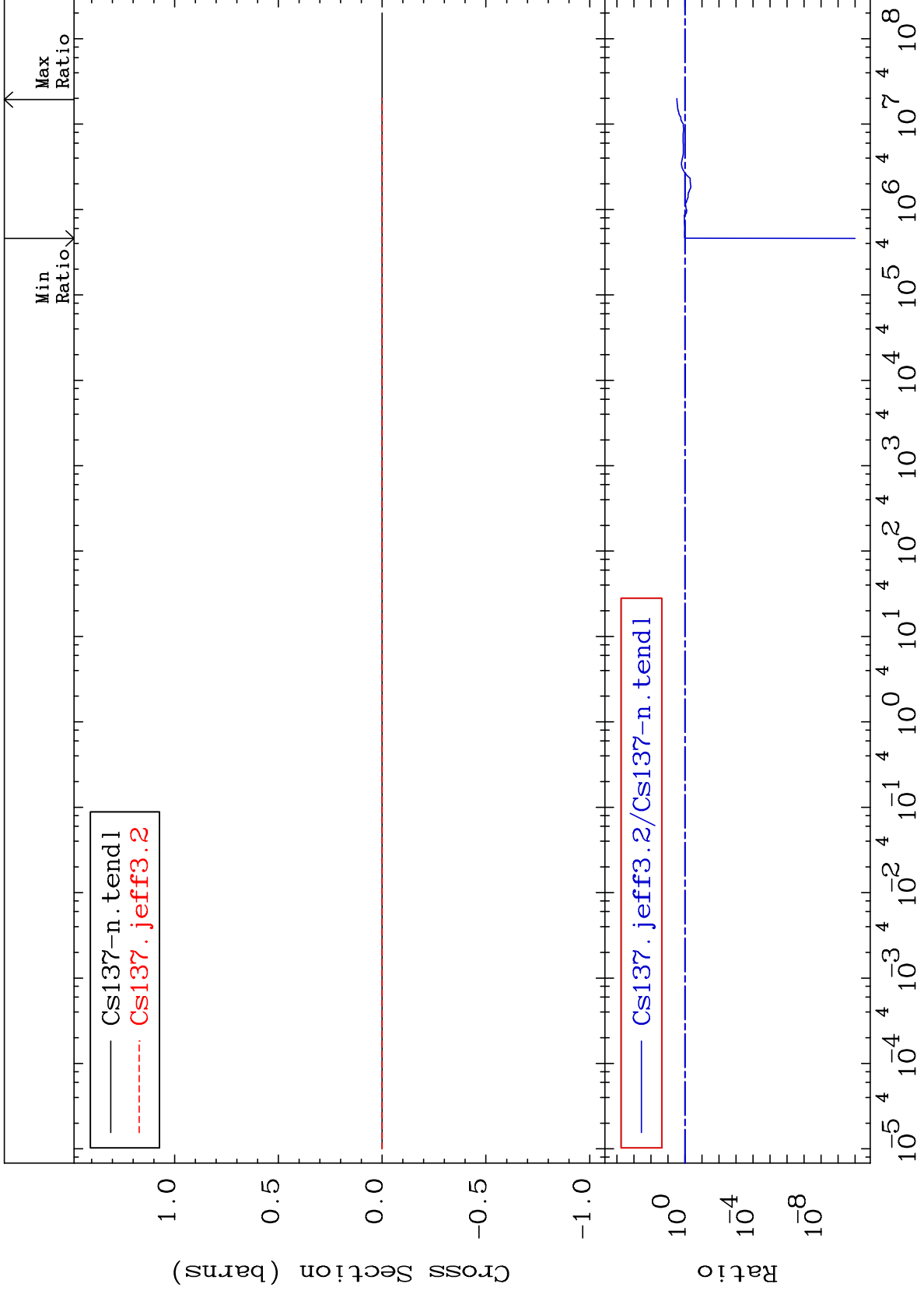




MAT 5537

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

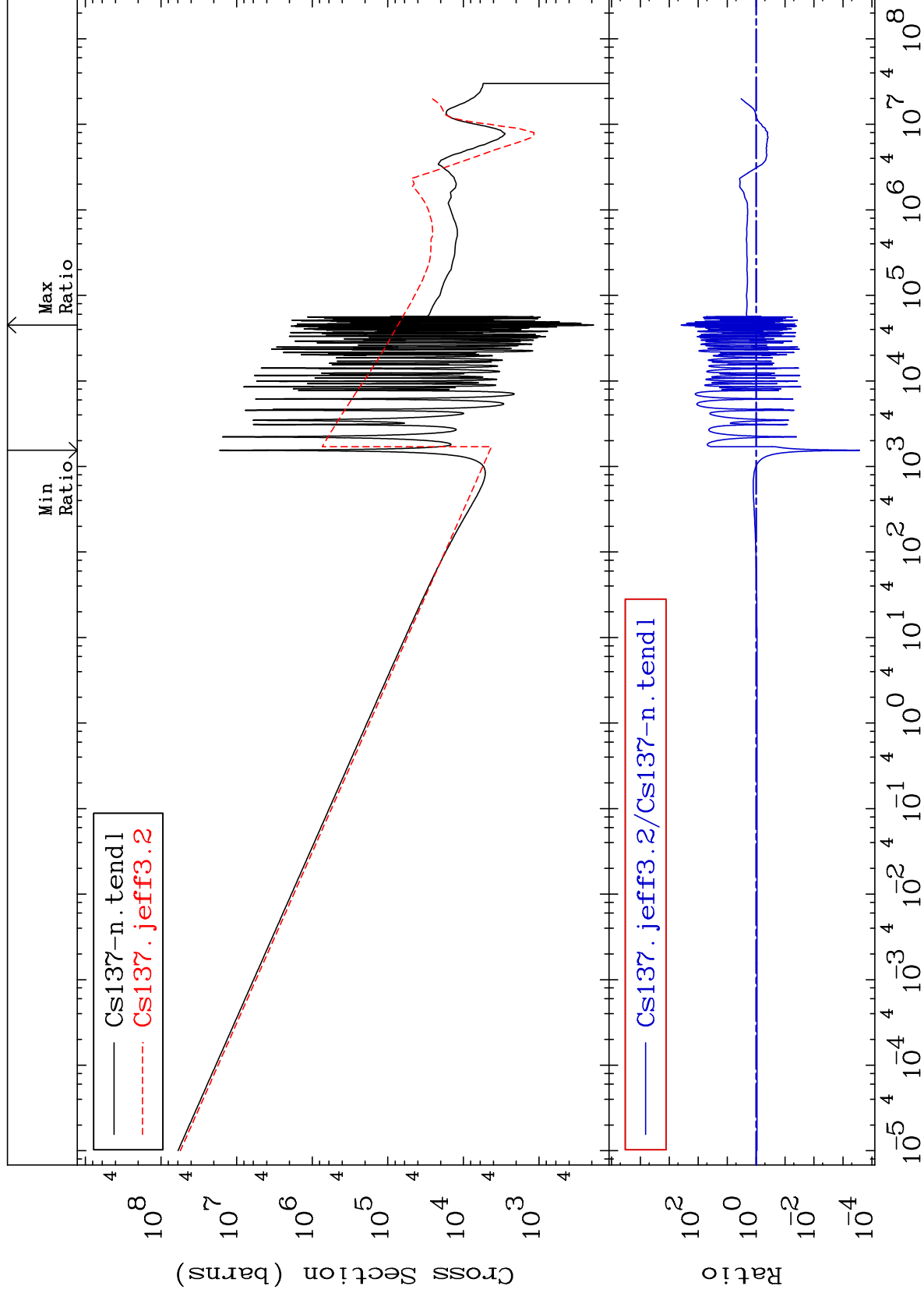
55-Cs-137
-100.0 To 198.6 %



MAT 5537

Kerma capture (mt102)
Cross Section

55-Cs-137
-99.97 To 9999. %



32

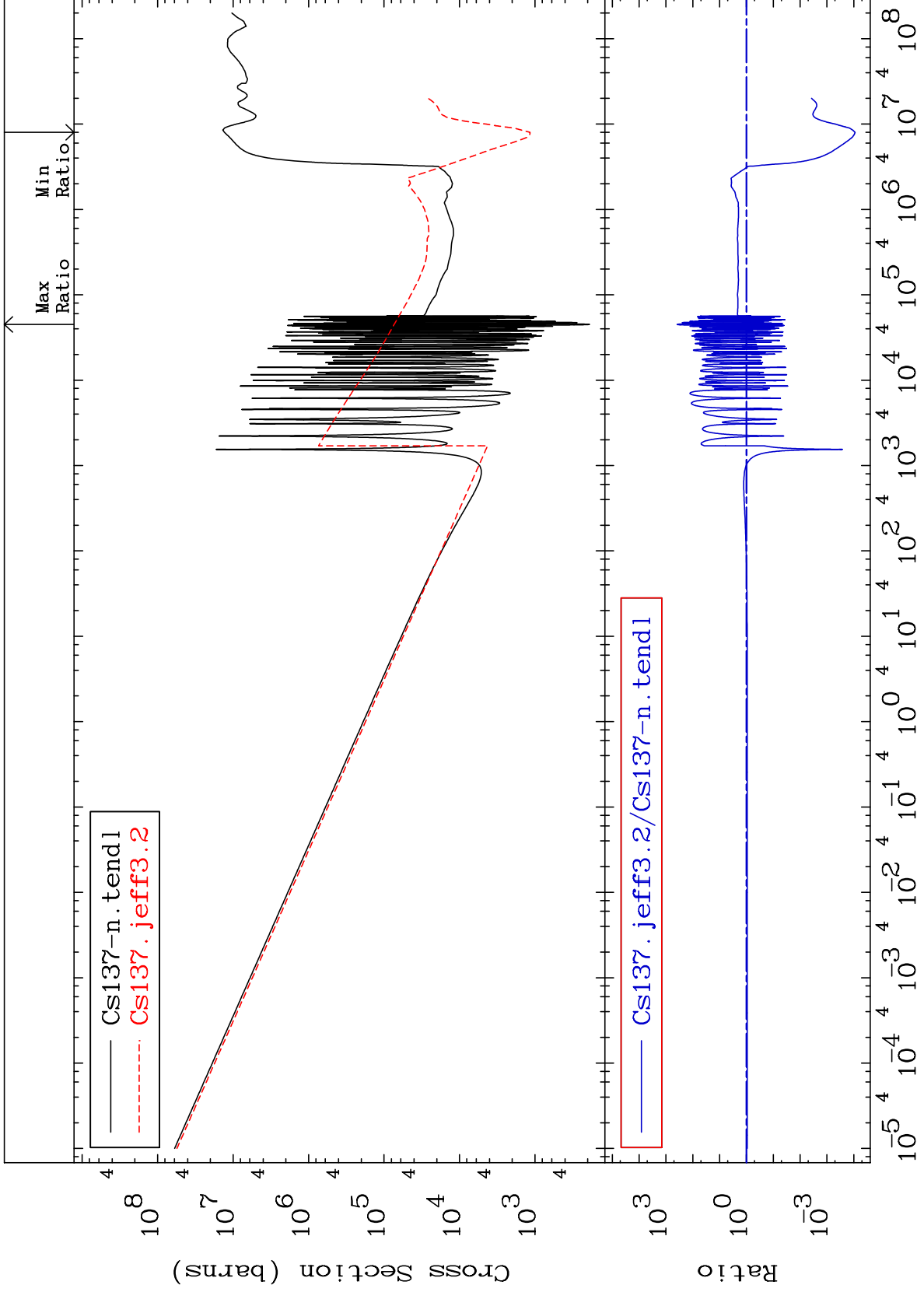
Incident Energy (eV)

55-Cs-137

MAT 5537

Total photon (eV-barns)
Cross Section

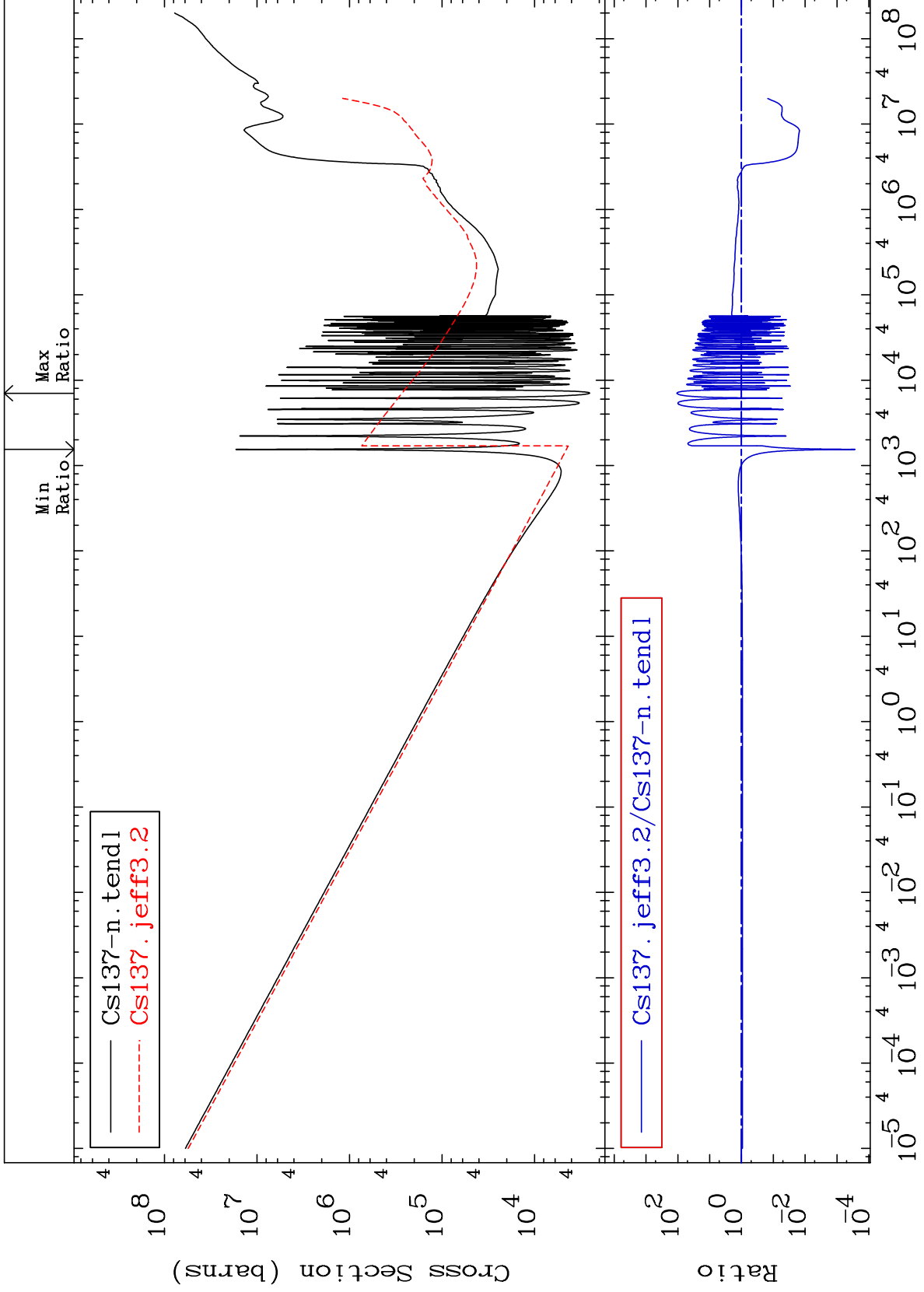
55-Cs-137
-99.99 To 9999. %



33

Incident Energy (eV)

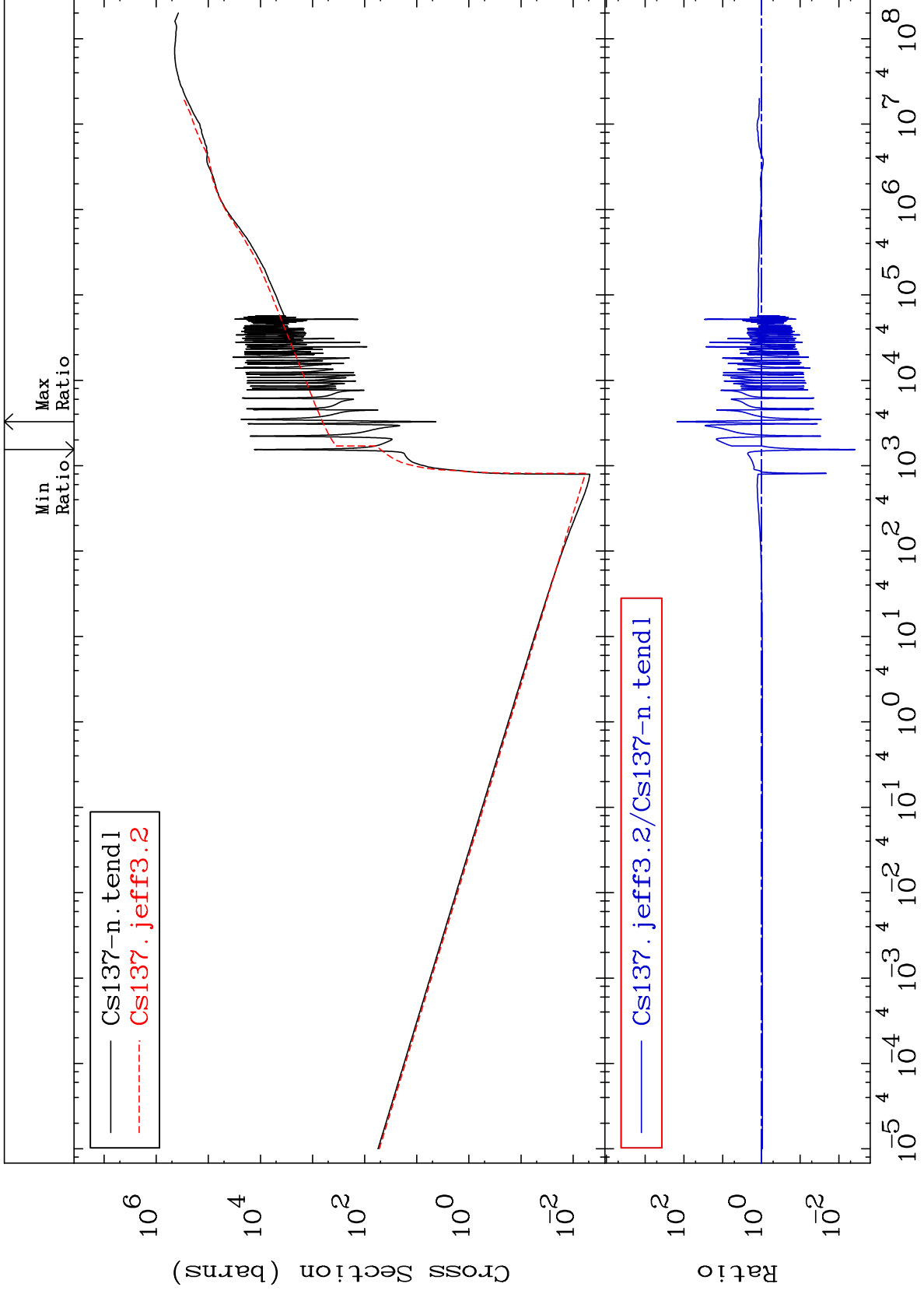
55-Cs-137



MAT 5537

Dpa total (eV-barns)
Cross Section

55-Cs-137
-99.62 To 9999. %



35

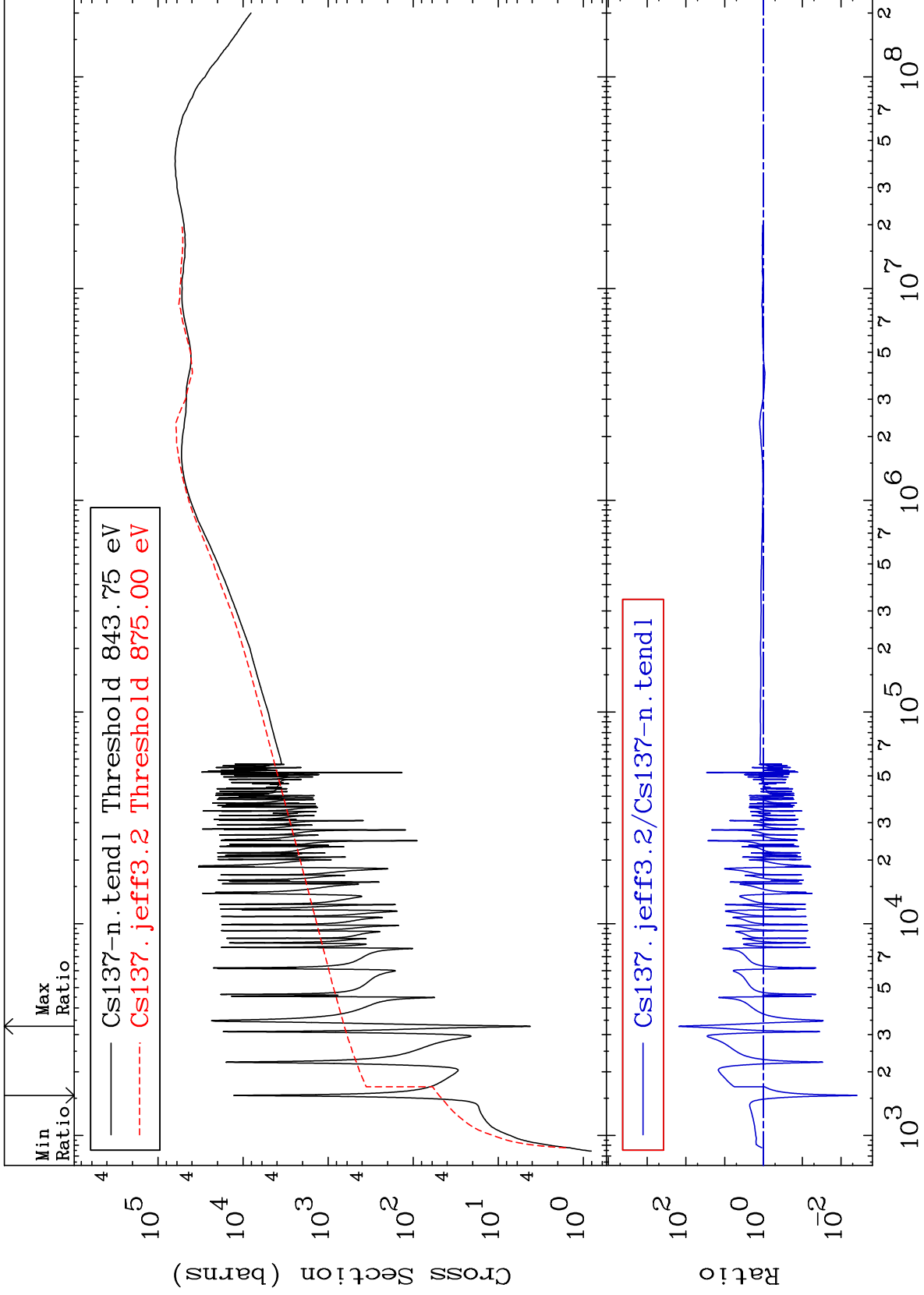
Incident Energy (eV)

55-Cs-137

MAT 5537

Dpa elastic (mt2)
Cross Section

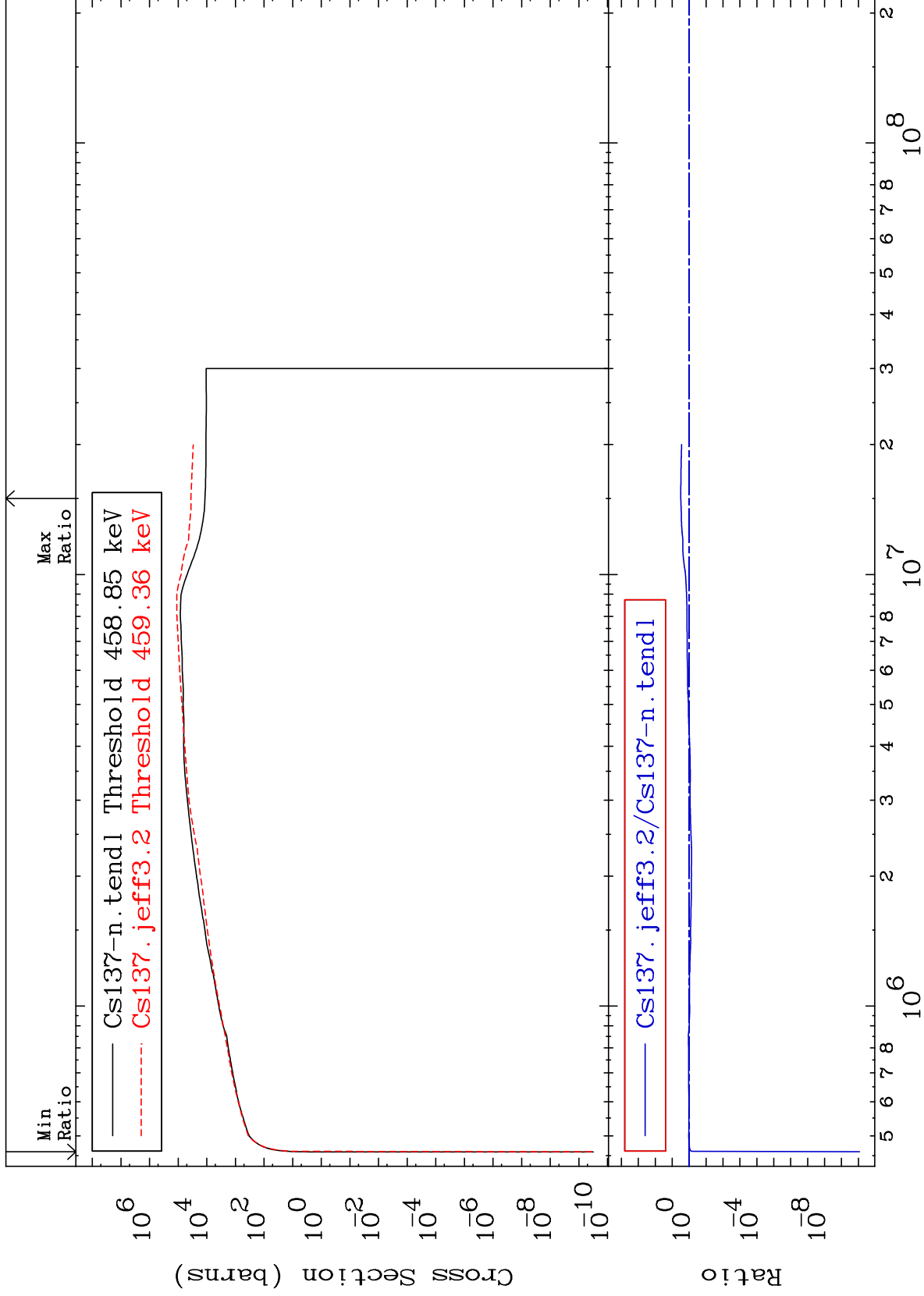
55-Cs-137
-99.62 To 9999. %



36

Incident Energy (eV)

55-Cs-137



MAT 5537

Dpa disappearance (mt102 -120)
Cross Section

55-Cs-137
-99.97 To 9999. %

